

An underwater scene featuring a large school of salmon swimming in clear blue water. Sunlight rays stream down from the surface, creating a bright, ethereal atmosphere. The fish are in various positions, some swimming towards the viewer and others away, creating a sense of movement and depth.

**AKVA** GROUP™

# Capital Markets Day 2025

Klepp, Norway

12 June 2025

**AKVA** GROUP™

# Capital Markets Day 2025

## Agenda

12:00 **The long-term salmon opportunity**

Q&A

12:40 **Sea based**

13:10 **Break**

13:25 **Land based**

13:50 **Digital**

14:15 **Break**

14:30 **Financial outlook**

Q&A

15:00 **Site visit and demonstrations**

## Leadership team presenting today

## Moderator



Knut Nesse  
CEO



Ronny Meinkøhn  
CFO



Kristian Botnen  
COO Sea Based Nordic



Ståle Økland  
CCO



Johan Fredrik Gjesdal  
COO Land Based



Glenn Mo  
COO Egersund Net



Hemang Rishi  
CEO Observe  
Technologies

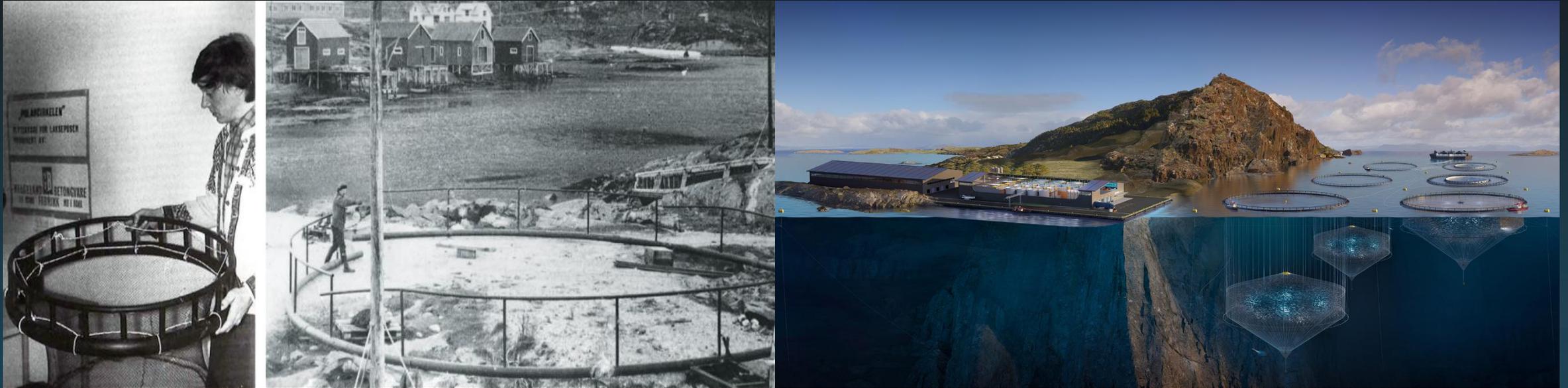


# The long-term salmon opportunity

Knut Nesse, CEO

# Pioneering a better future

Driving innovation in global aquaculture for over 50 years



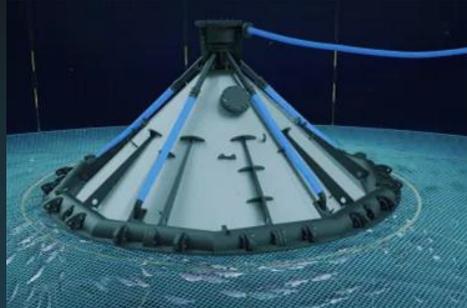
# A technology innovator across multiple areas

## Automated feeding



Pioneered automated and waterborne feeding solutions

## Deep farming



Pioneered pens from first plastic pens to today's deep farming

## Smolt/Post-smolt



Pioneered development and delivery of post-smolt facilities

## Land-based grow-out

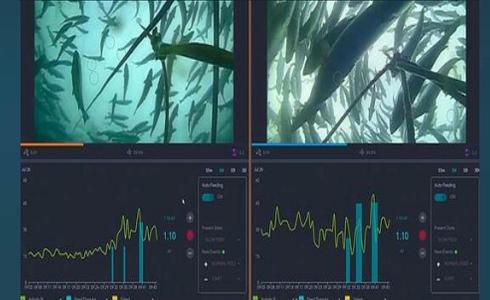
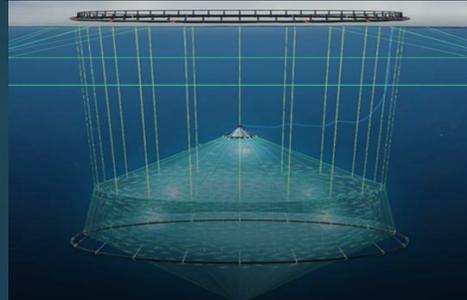


Pioneering land-based RAS grow-out facilities globally

## Digital/AI

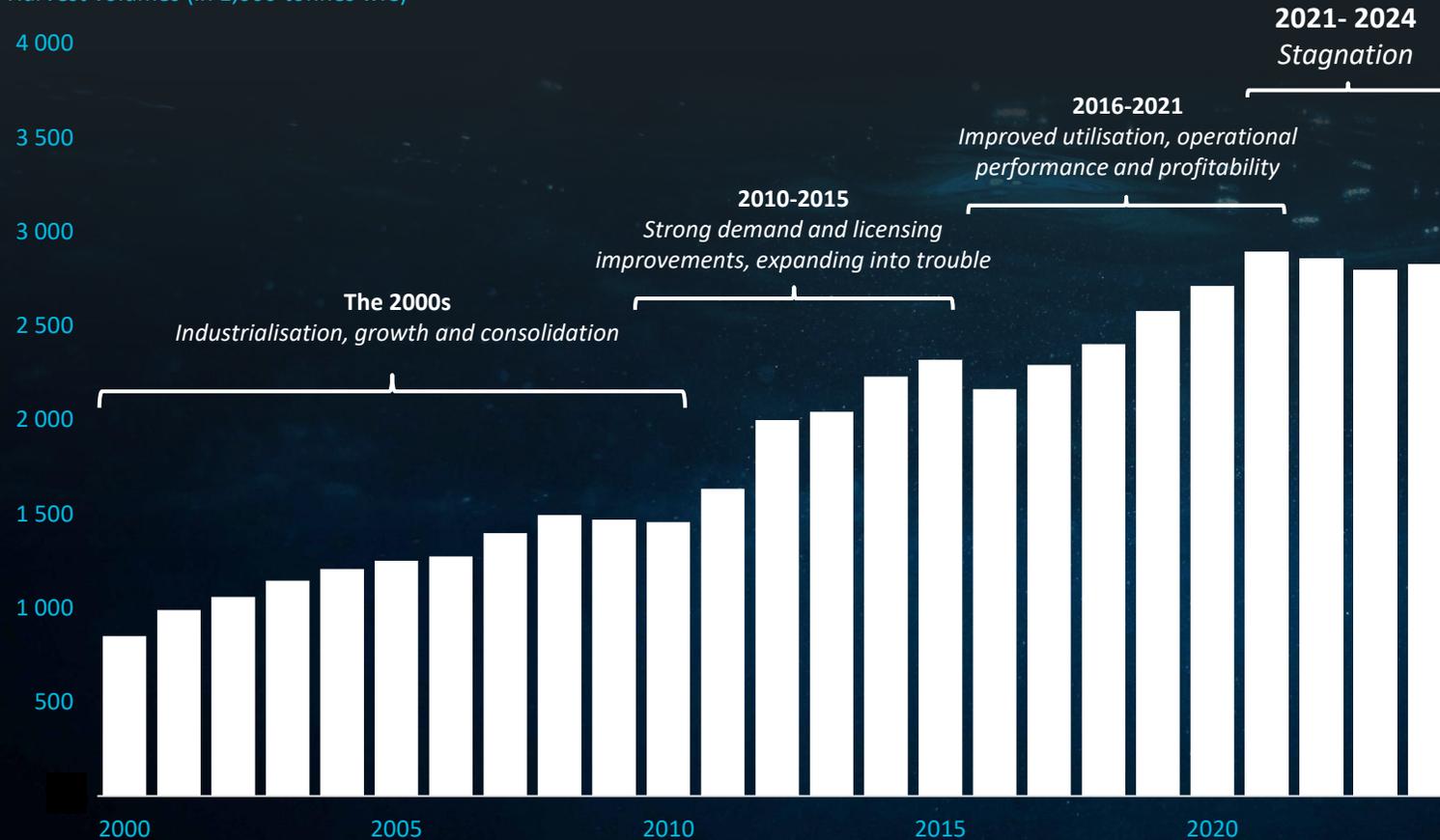


Pioneering digital solutions and AI in salmon farming



# Salmon farming industry is at a crossroads

Harvest volumes (in 1,000 tonnes wfe)

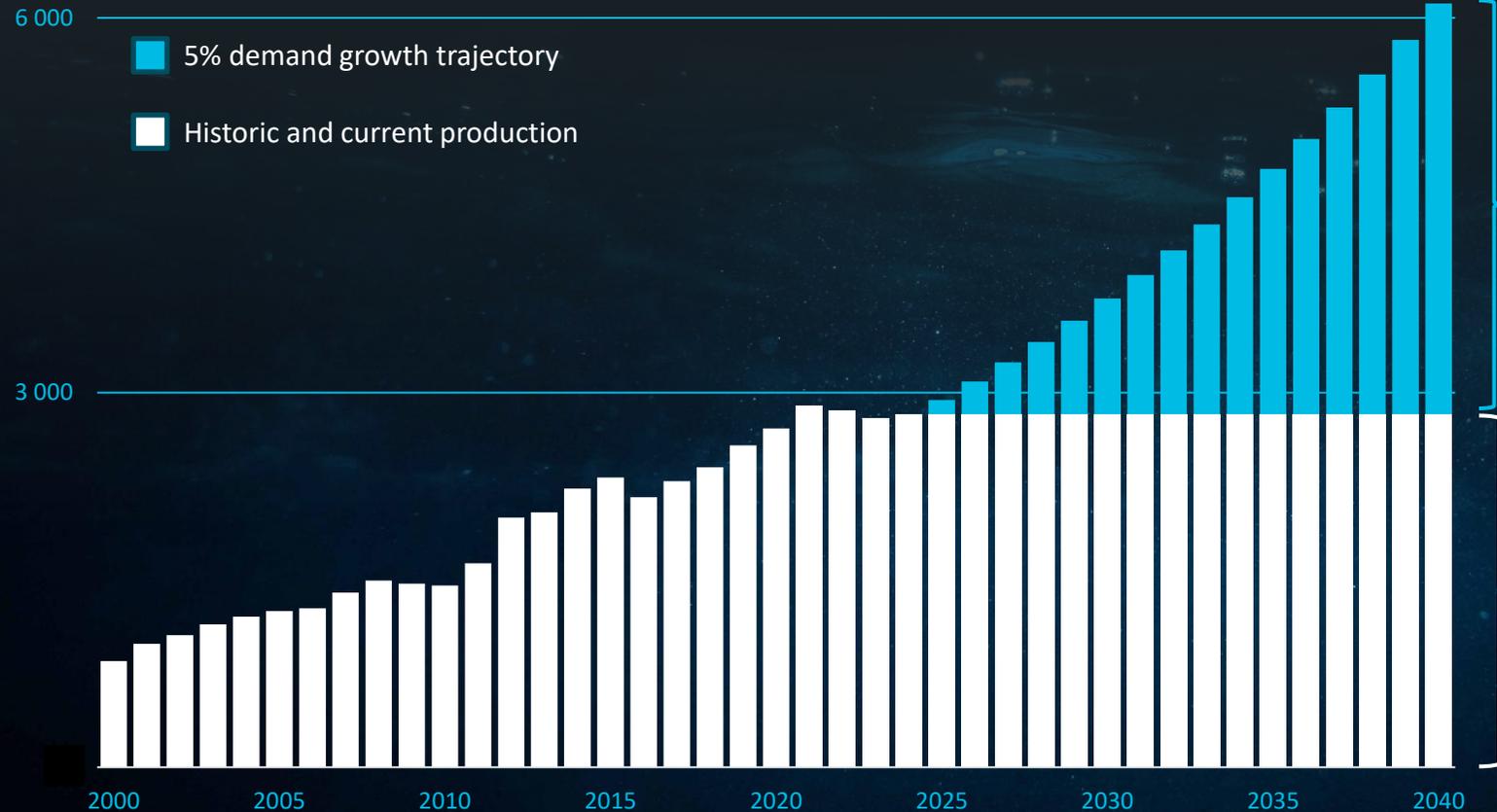


<p><b>Fish health</b></p>	<ul style="list-style-type: none"> <li>High mortality rates</li> <li>Sea lice, jellyfish, winter ulcers</li> <li>Disease outbreaks (ILA, PD, etc.)</li> <li>Escapes, wild salmon interference</li> </ul>
<p><b>Regulations</b></p>	<ul style="list-style-type: none"> <li>MAB restrictions</li> <li>Traffic light system</li> <li>Tighter environmental regulations</li> <li>Limited allocation of new locations</li> </ul>
<p><b>Social license</b></p>	<ul style="list-style-type: none"> <li>Fish welfare</li> <li>Environmental concerns</li> <li>Pollutants and toxins</li> <li>Traceability</li> </ul>
<p><b>Financial risk</b></p>	<ul style="list-style-type: none"> <li>Resource tax</li> <li>Norm prices</li> <li>Tax regime uncertainties</li> <li>Tariffs</li> </ul>

# The challenge: How to double salmon production by 2040

Current business model running out of capacity – new investments required

Harvest volumes (in 1,000 tonnes wfe)



## Innovation and technology required...



Digital solutions for precision farming

## ... to overcome the industry barriers



Fish health



Regulations



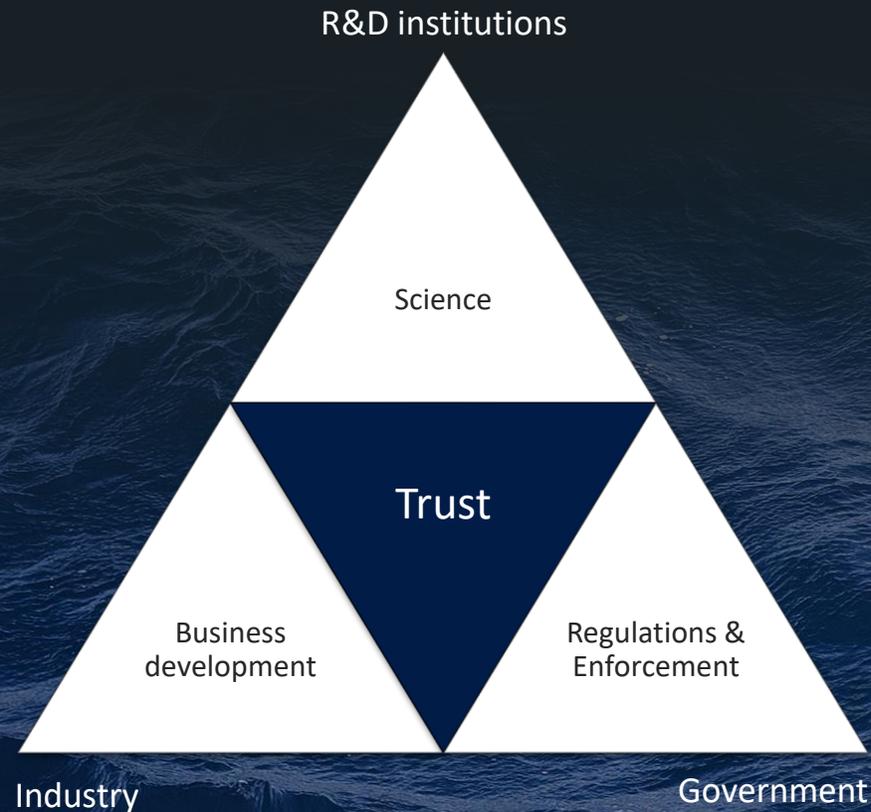
Social license



Financial risk

# Growth investments require a stable framework

Revitalise collaboration between core institutions



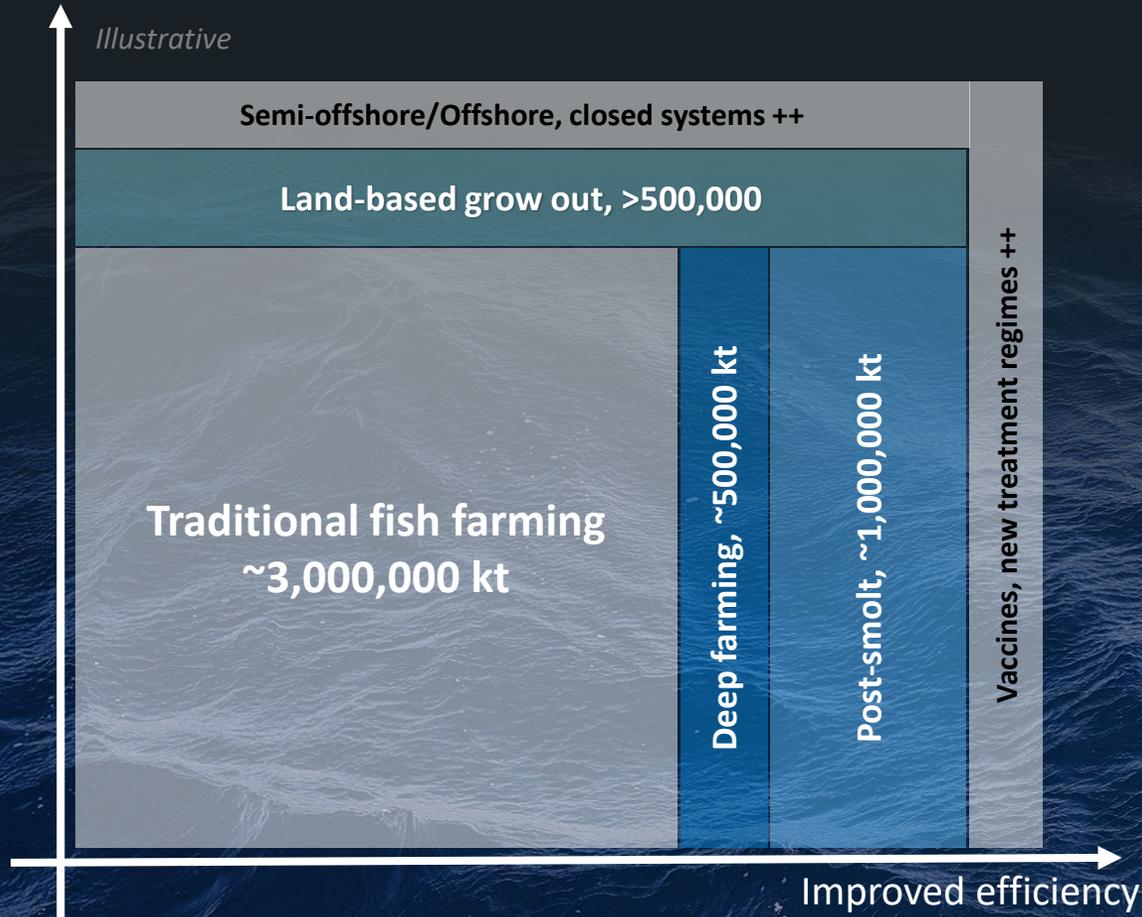
## Regulatory recipe for growth

- Predictable policy environment
- Regulatory efficiency
- Support for growth
- Technology neutrality
- Trust-based collaboration

# Unlocking growth through technology

New frontiers

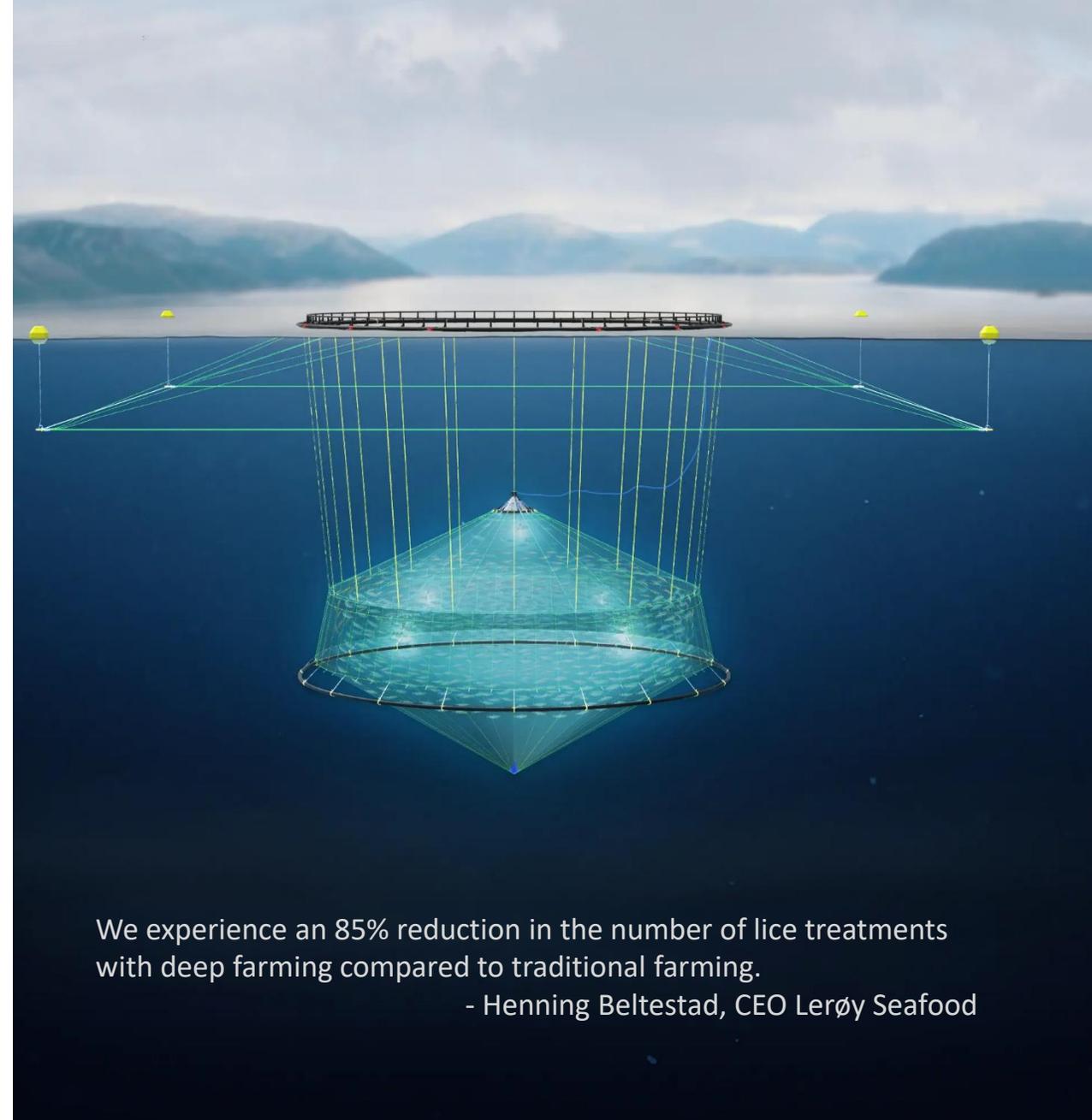
*Illustrative*



- Traditional sea-based farming currently produces around 3 million tonnes of Atlantic salmon globally
- Deep farming holds potential to add ~15% capacity by reducing lice and lowering mortality
- Post-smolt holds potential to add 30-35% to volumes, by improving biomass yield and reducing mortality
- Land-based grow-out beginning to gain traction, with long-term potential to 500,000 tonnes or more
- Other emerging technologies likely required for supply to keep up with demand growth

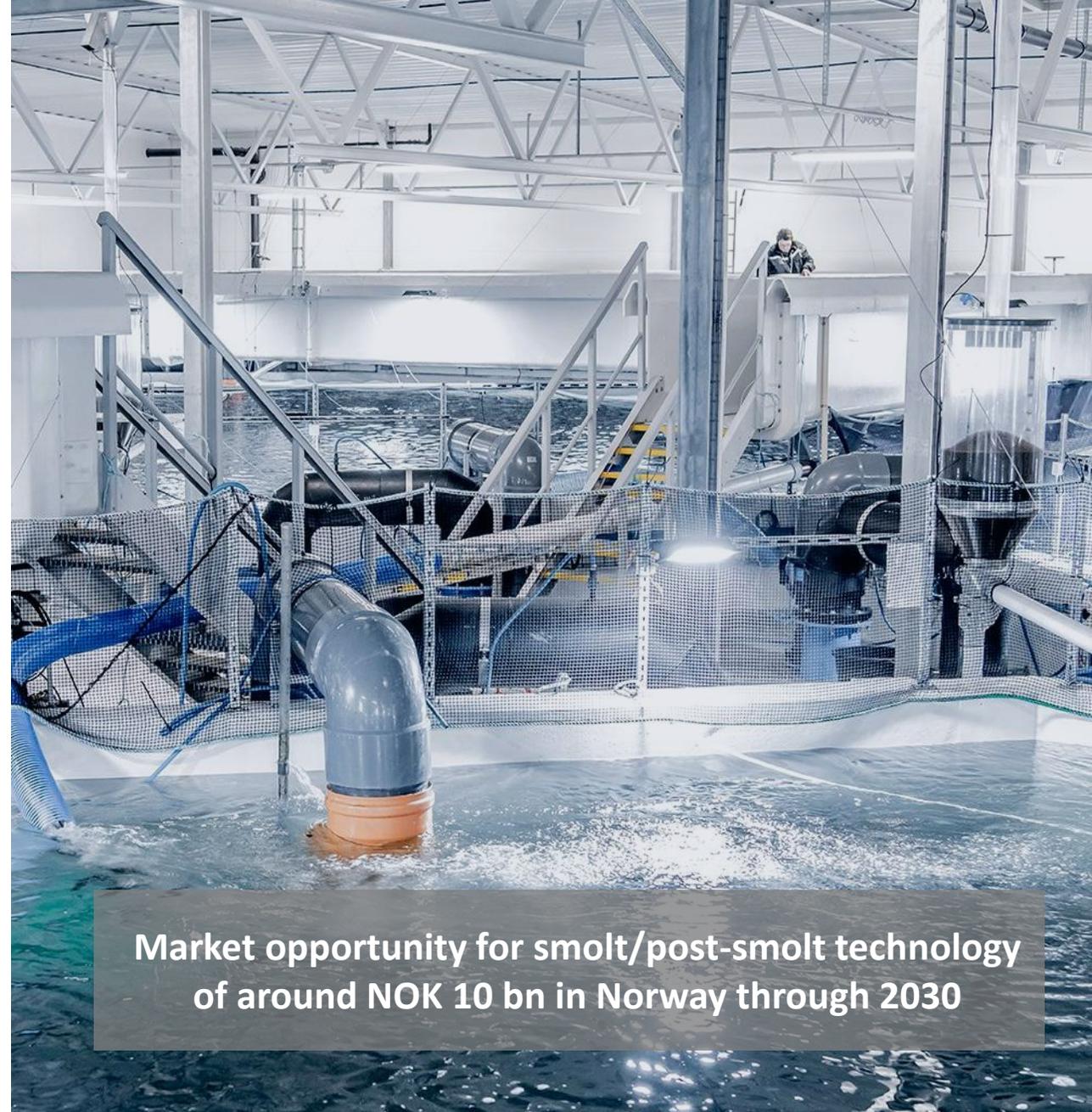
# Deep farming

- Potential to unlock 15%+ higher harvesting volumes from existing licenses
- Submerged cages reduces sea lice treatments by ~85% and reduces mortality with limited additional investment
- Proven improved fish welfare supporting social license to operate and regulatory greenlight in non-green zones
- Currently applicable for close to 60% of locations
- **Deep farming represents a ~NOK 6 billion market opportunity in Norway through 2030**



# Post-smolt

- Established as an industry growth strategy
- Shorter production cycles with reduced exposure in sea
- Fewer lice treatments, lower mortality and increased biomass yield
- Strong documentation from the Faroe Islands and the Rogaland region
- Potential to unlock 30-35% volume growth



Market opportunity for smolt/post-smolt technology of around NOK 10 bn in Norway through 2030

# Land-based grow-out

- Land-based farming is beginning to mature
- >25,000 tonnes produced in 2024 after a decade of trial and error
- Several RAS and re-use facilities now showing commercial validation
- Nordic Aqua in China now delivering predictable and well-documented volumes of superior fish



Addressing a market opportunity for land-based RAS solutions of multiple billion NOK through 2030

# Digital solutions enabling precision farming

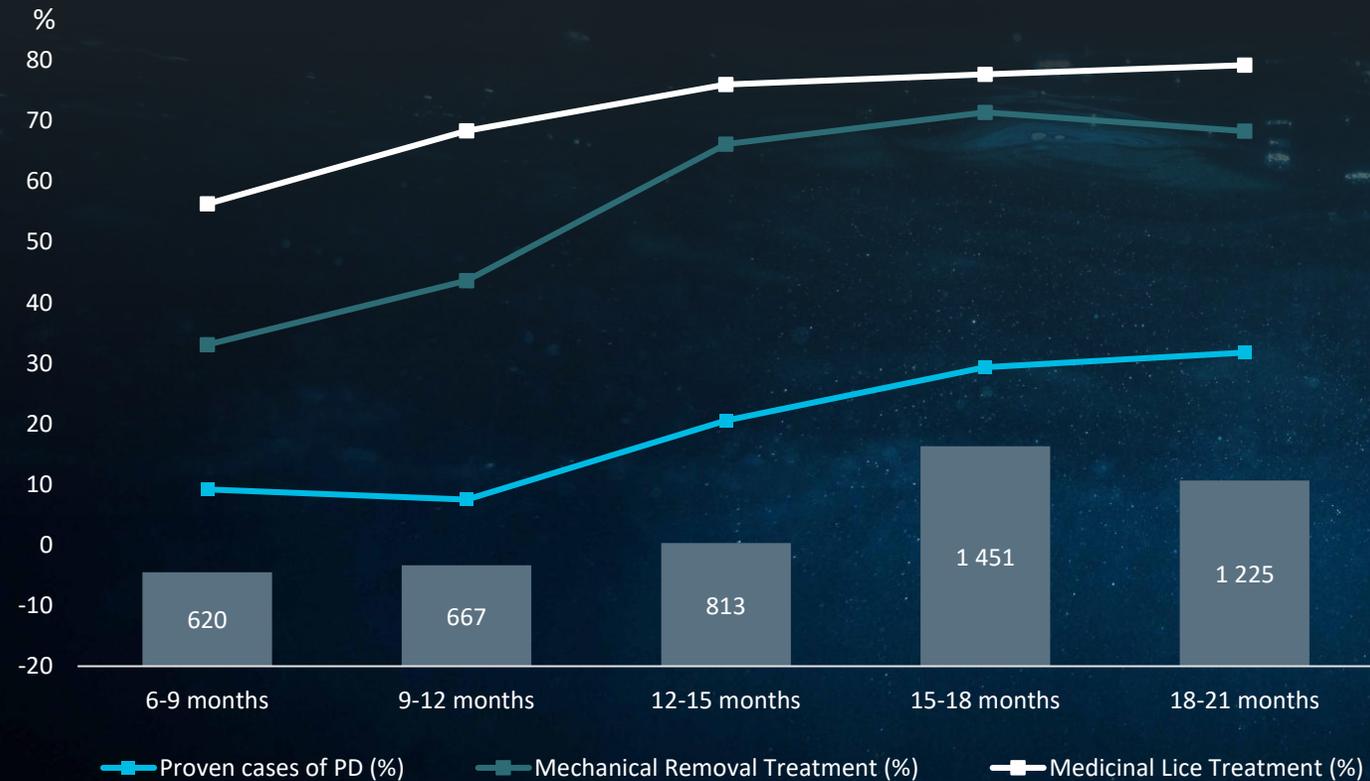
- Invested ~ NOK 500 million to create a leading platform with unmatched digital presence
- High-growth opportunity with AKVA Observe – enabling AI-driven farming with automated feeding, biomass tracking and health monitoring
- Global footprint, scalable high-margin business model and 90%+ recurring revenue
- Transitioning aquaculture from manual operations to intelligent and fully-automated precision farming



# Long production time in sea drives higher mortality and costs

## Traditional farming

### Months in sea vs. lice treatments and proven cases of PD



### Diseases and the need for lice treatments correlate with time in sea

- Tripling of PD cases in fish spending 18-21 months in sea vs fish spending 9-12 months
- Roughly doubling of mechanical lice treatments in fish spending 18-21 months in sea vs fish spending 9-12 months

■ Bar plot: number of production cycles within each length category, denoted in months in the sea

# Global leader and trusted partner

Uniquely positioned to enable fish performance and sustainable growth

## SEA BASED



Leading equipment provider to the salmon farming industry



## LAND BASED



World leading full-scale smolt and grow-out offering



## DIGITAL



Complete platform enabling next generation precision fish farming



## SERVICE & SUPPORT

Global professional service and preventive maintenance on all products

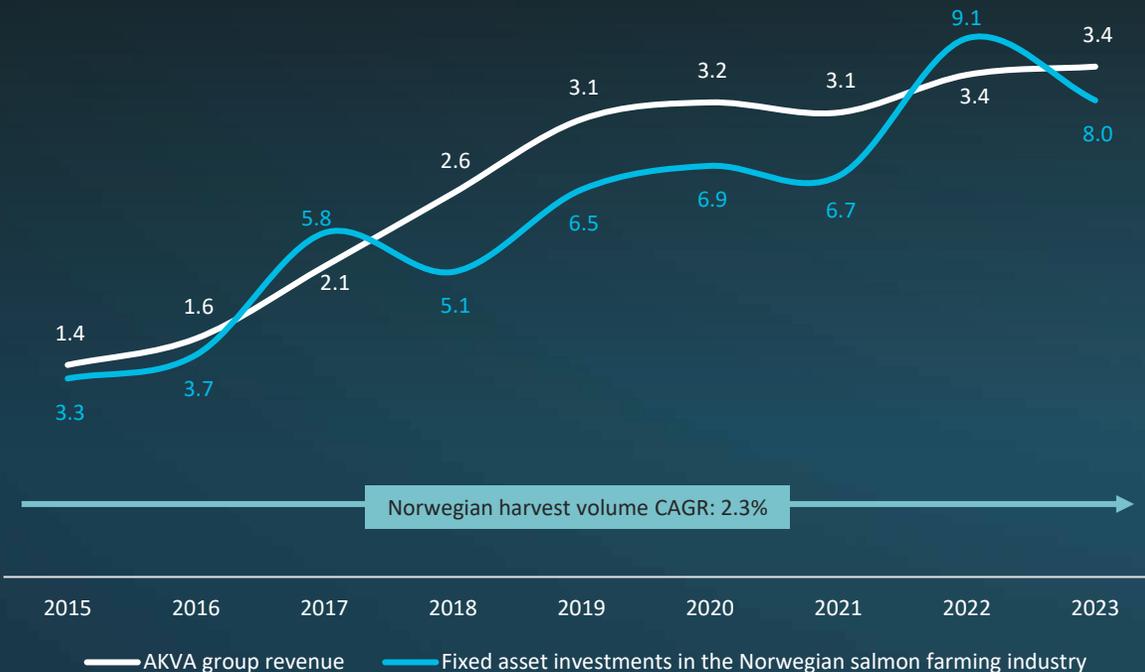
IMPROVED FISH HEALTH & WELFARE

HIGHER GROWTH

HIGHER VALUE CREATION

# Sustainable salmon farming driving structural investment growth

AKVA group revenue and fixed assets investments in the Norwegian salmon farming industry (NOKbn)



- The investment level in the salmon farming industry increased by 12% annually in 2015-23, significantly outpacing the harvest volume growth of 2.3%
- Investments typically split between one-third smolt and two-thirds for the grow-out phase in sea
- AKVA group revenues have overall increased in line with industry investments
- Robust outlook for continued investment growth:
  - Need for innovation
  - Regulatory requirements
  - Mandatory equipment and technology upgrades for license renewal and capacity expansion

# Our strategic roadmap



Driving long-term growth and shareholder value creation

# Pioneering a better future – key investment highlights



Fully-invested business platforms with capacity to double revenue



Perfectly positioned for profitable growth across all segments



Attractive business model with an increasing share of recurring revenue



Strong balance sheet and increasing cash flow providing competitive returns



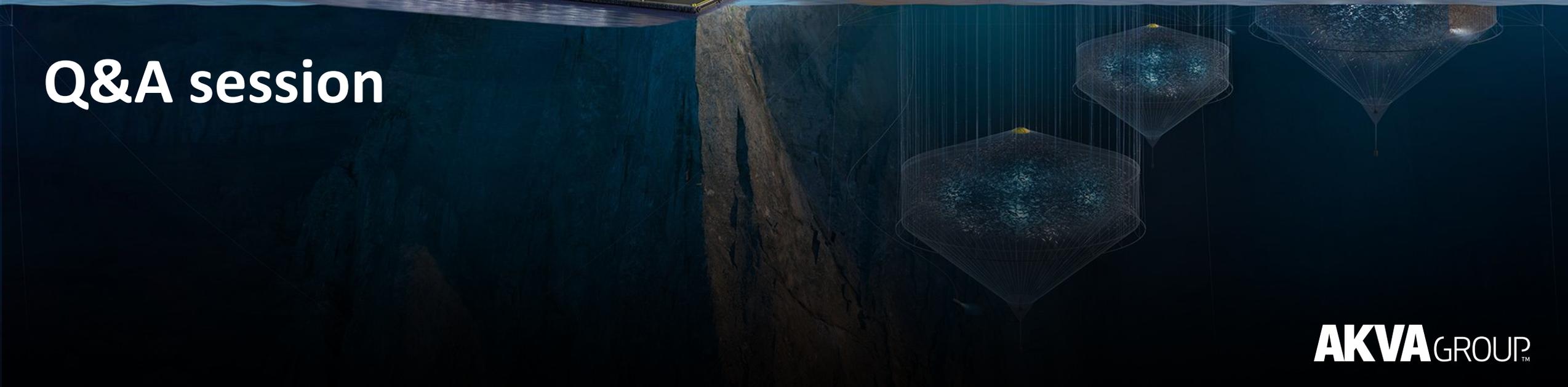
Experienced management team with a proven operational track record

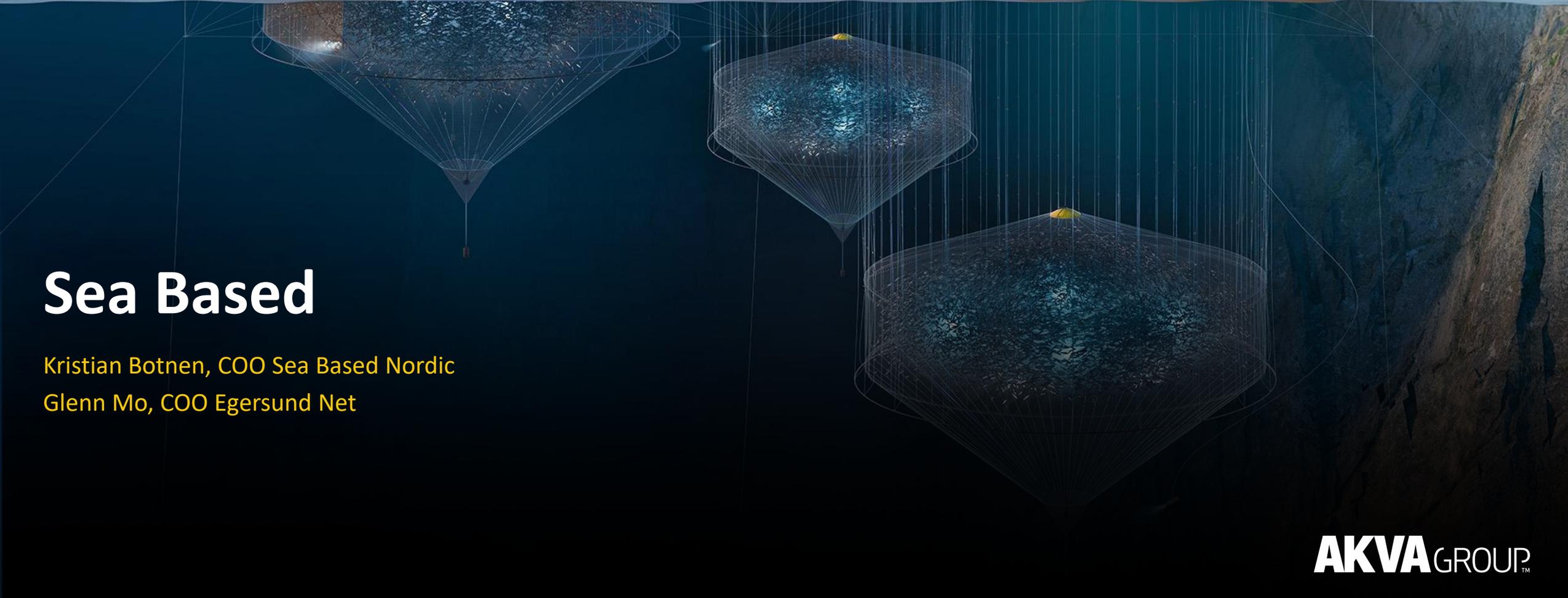
A photograph of an aquaculture farm in the ocean. The water is dark blue with white foam from waves. In the background, there are several large, complex structures made of metal frames and nets, likely used for raising fish or other aquatic animals. The sky is overcast with grey clouds.

**A true partner,  
trusted advisor and  
high-quality solutions  
supplier to the  
aquaculture industry  
– pioneering the  
solutions of tomorrow**



# Q&A session





# Sea Based

Kristian Botnen, COO Sea Based Nordic  
Glenn Mo, COO Egersund Net

# Pioneering sea-based farming since 1974

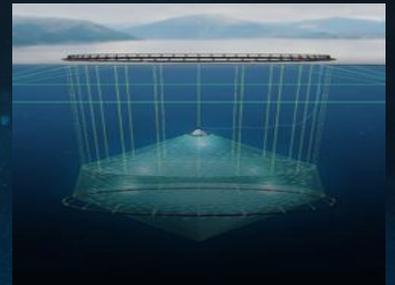
## Pens and feeding

From the world's first plastic pens and automated feeding solutions to waterborne feeding



## Deep farming

From TubeNet via Atlantis to Nautilus™

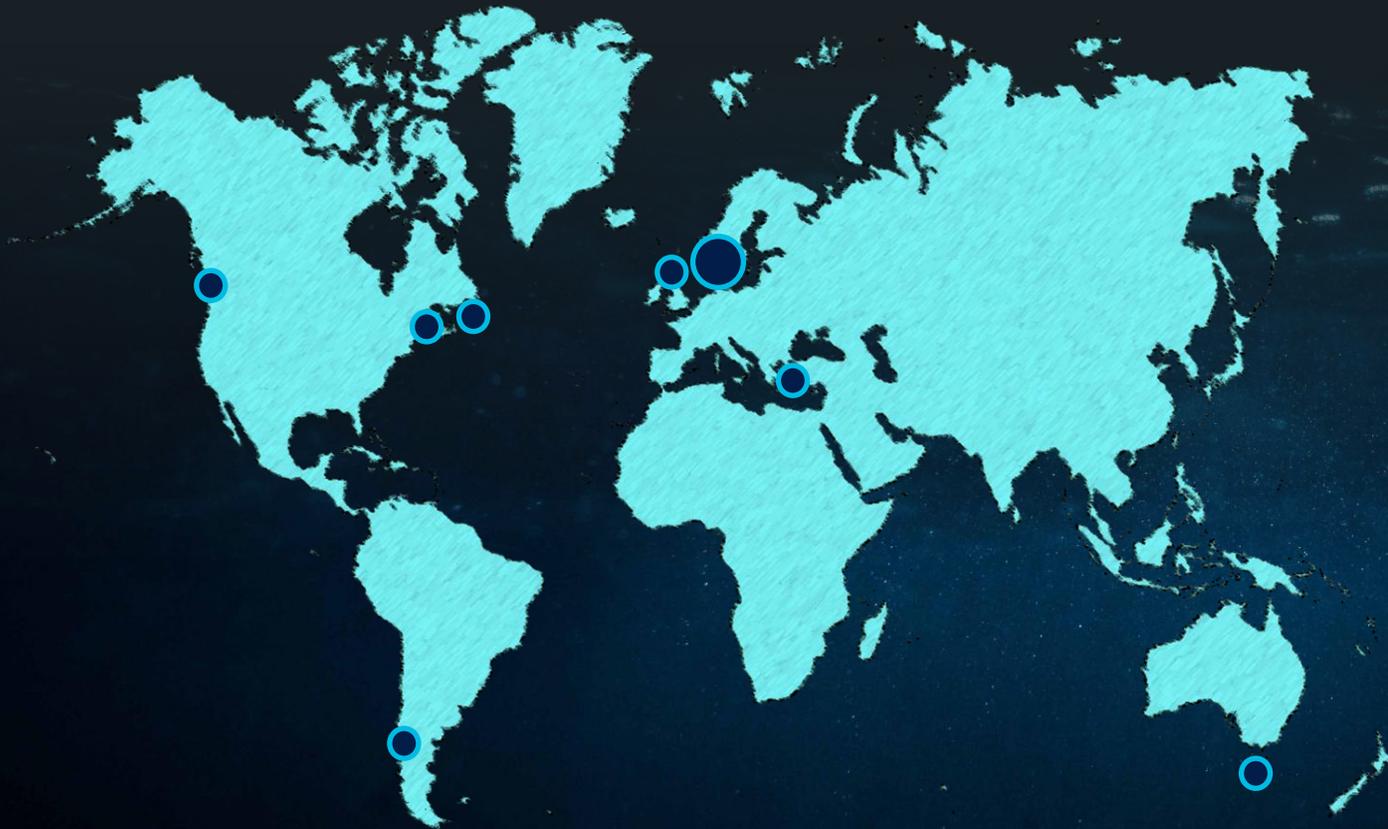


## Sustainable solutions

From the world's first recycled pen to the first carbon neutral boat hull and the first recycled net

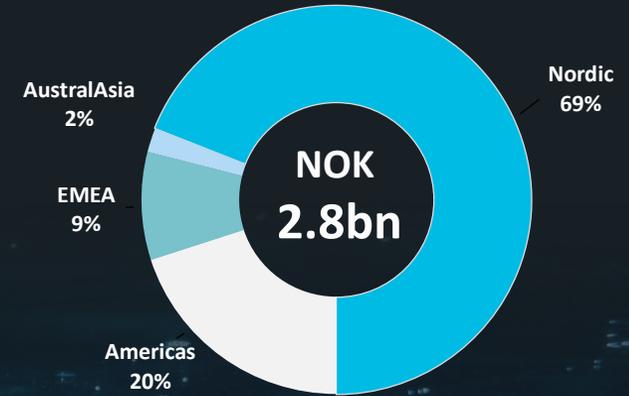


# Global operations – Local presence

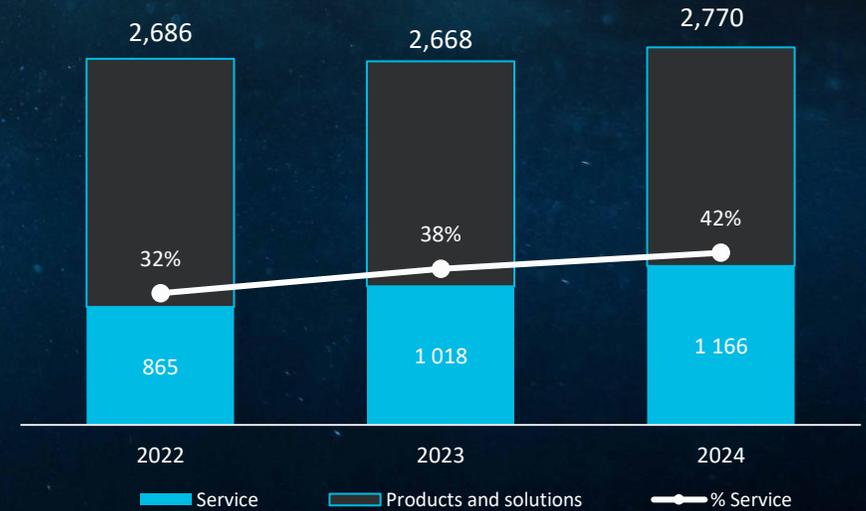


 **1 100 employees**

Revenue by geography (2024)



Increasing share of service revenue



# Broad products, services and solutions portfolio

## Marine infrastructure – quality equipment for better operations



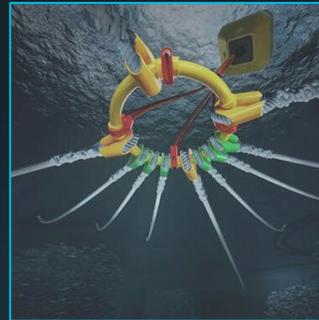
Plastic pens



Steel pens



Nets



Anchoring & Mooring



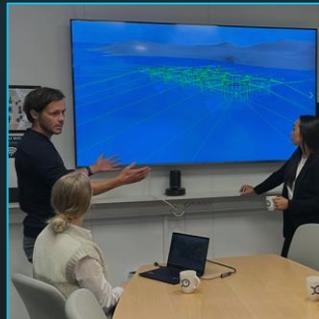
Net cleaning



ROV systems



Boats



Marine engineering

## Precision feeding – with digital support



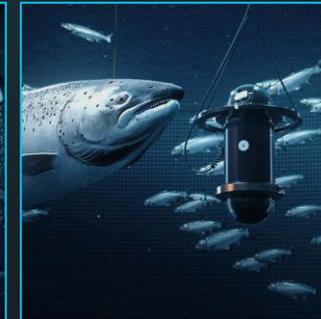
Feeding barges



Lights

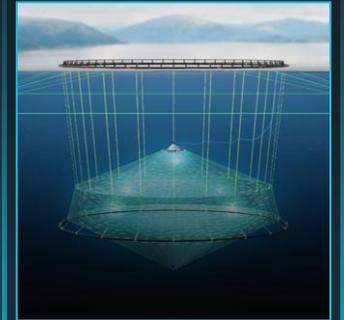


Feeding systems



Camera & Sensors

## Deep farming – and lice control



Nautilus



Submerged

# High quality in-house production

 150 employees



# Clear market leader in nets with in-house production

 500+ employees



# Strong local presence all along the coast



- Extensive installed base driving recurring Service & Aftersales revenue growth
- 16 coastal service stations staffed with skilled service technicians
- Decades of earned consumer confidence and high replacement cost creates major barriers to entry

**Recurring business model underpinned by a strong local infrastructure network**

Full-service offering  
including inspections  
and system and  
equipment  
maintenance

24/7 support combined  
with routine site visits



# Industry-leading innovation power

## 35 innovators

Designing and optimizing the best solutions for the aquaculture industry

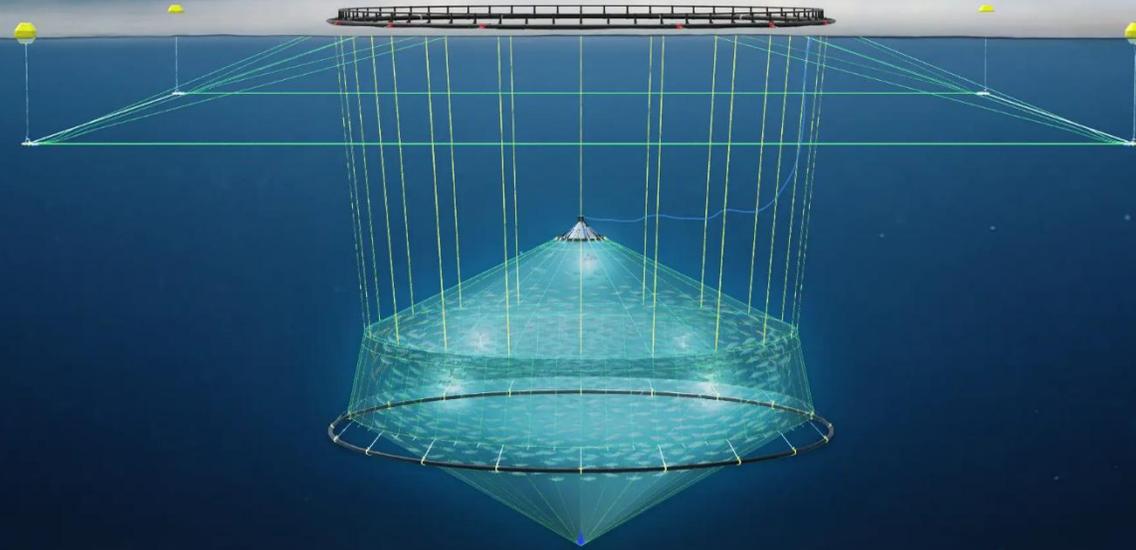
- Marine Infrastructure
- Precision Feeding
- Fish Performance



- Annual budget: ~NOK 50 million



# Innovating to solve the sea lice challenge



NAUTILUS™

# Deep farming with Nautilus™

A key to unlock growth in sea-based farming

## IMPROVE FISH HEALTH & WELFARE

Fewer lice treatments  
Lower mortality  
Higher share of superior

## DRIVE GROWTH

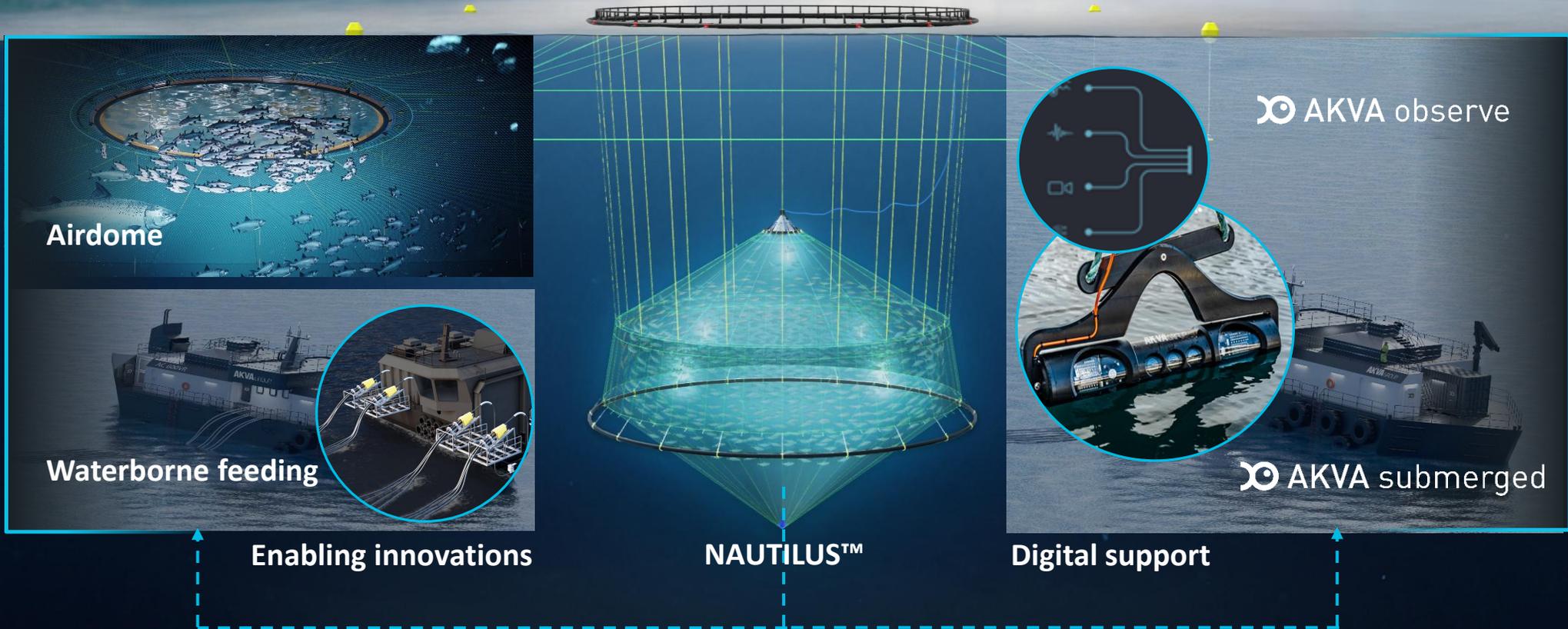
Higher harvesting volumes  
Allowed to grow production

## CREATE VALUE

Volume  
Quality  
Cost



# Innovating to solve the sea lice challenge

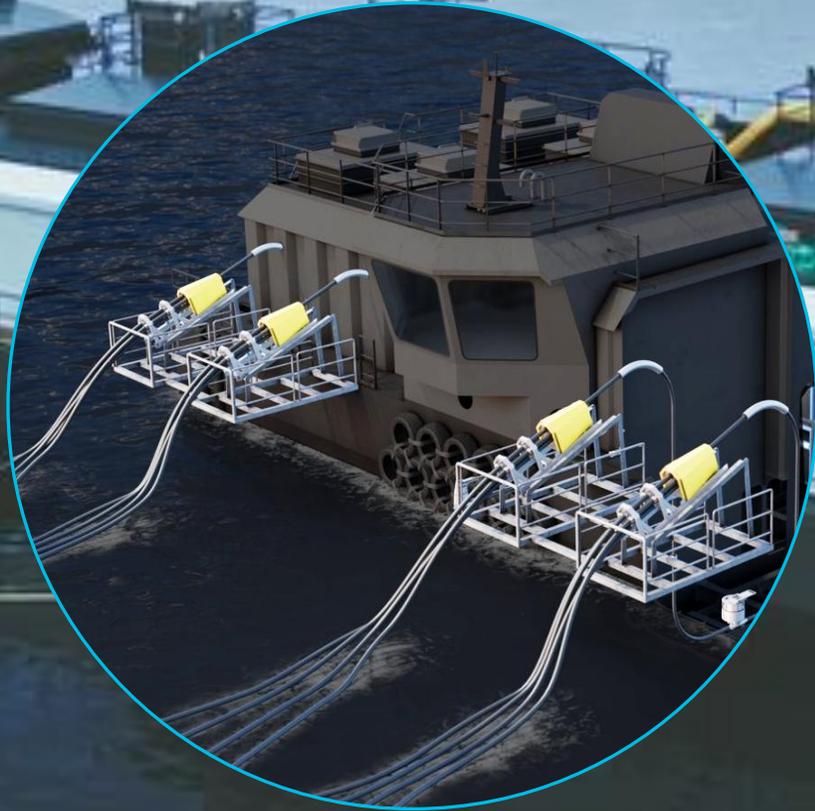


# Enabling innovations – The Airdome

- **Airdome provides stability, security, and efficiency under all conditions**
- Provides secure access to air for the salmon to rebalance swim bladder
- Robust, self-righting design
- Gentle on the fish - form factor that eliminates edges, ropes, obstacles, etc.
- Efficient feeding and even feed distribution regardless of dome tilt
- Established new and efficient Airdome production line

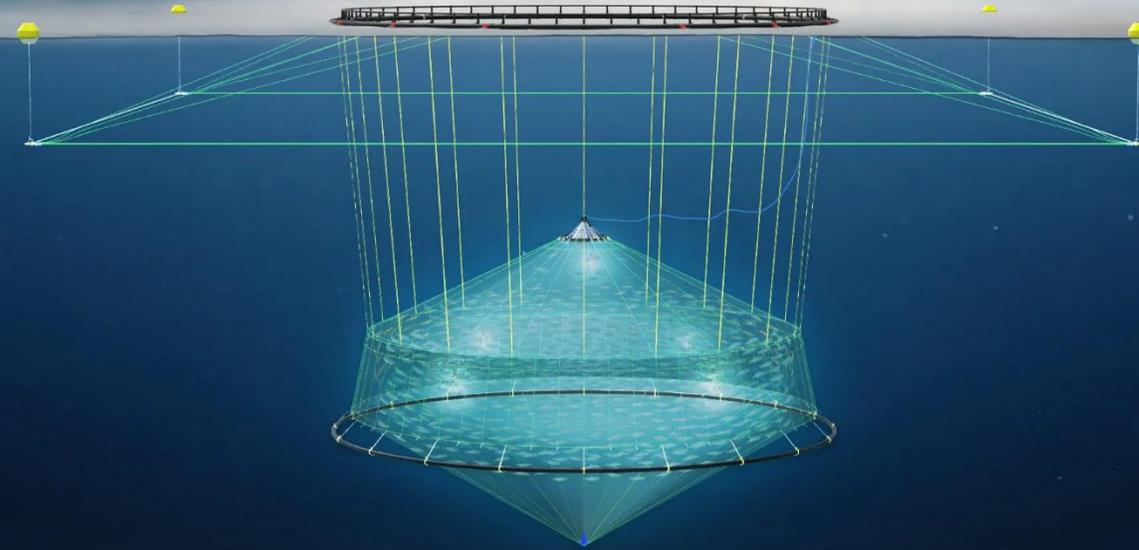


# Enabling innovations – Waterborne feeding

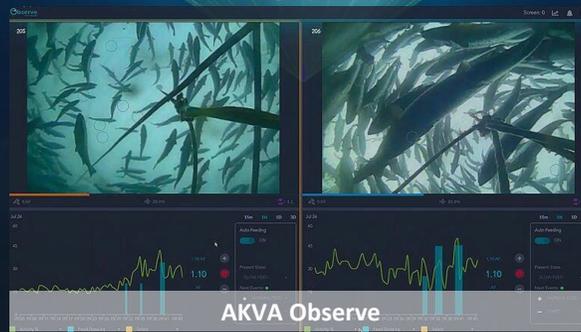
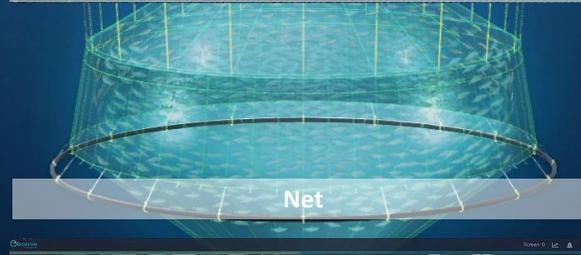


- Efficient feeding-in-depth solutions
- Feed mixed with water on barge and transported to pen an into the depths via the Airdome
- ‘Feed sleeves’ guiding fish away from net roof and Airdome during feeding
- Feeding zone in lit area directly under the dome, enabling the fish to see the feed and the air pocket
- **Cost and energy efficient feeding – for better fish health and increased growth**

# The Nautilus™ value opportunity



# The Nautilus™ value opportunity



# Leadership in a high-growth market



- Consistent market leadership as innovator and first mover in deep farming
  - Expanded customer base from pilot with Sinkaberg Hansen to half a dozen leading fish farmers
  - Strong pipeline for 2025 with multiple new customers and a growing prospect list
- 

**200+** Nautilus™ cages deployed on 30+ sites

“He said the company had witnessed an 85 percent reduction in lice treatment frequency in submerged cages compared to traditional farming. The first submerged cage was installed last July, “and now we’re already at close to 40 percent,” he said.

**“This has been a game-changer for us”**

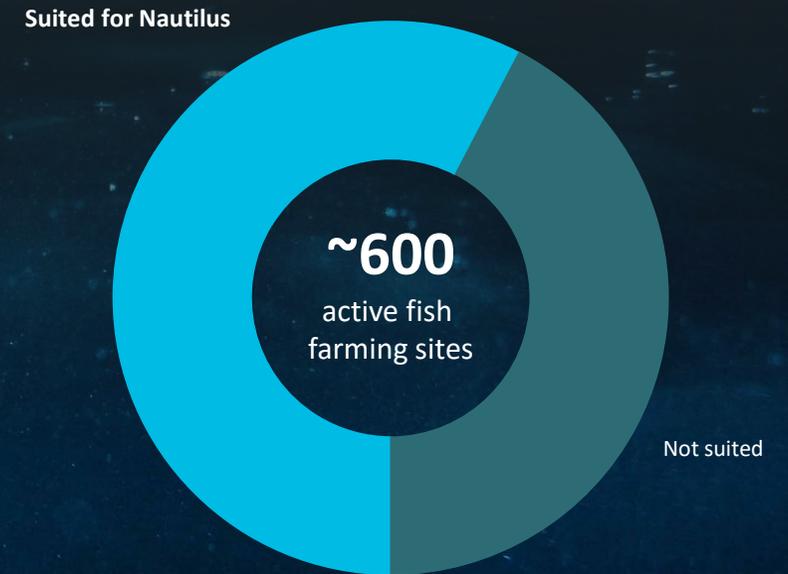
-CEO Henning Beltestad, Lerøy Seafood, Intrafish vol 3, 2025

# A NOK 6bn market opportunity through 2030

- Currently ~600 active fish farming sites in Norway
- 50%-60% deemed suitable for Nautilus™
- Annual deployment at 50-70 sites implies a market potential of ~NOK 1 billion per year through 2030

**Clear market leader** with capacity and technology to serve site-specific needs

Mapping of fish farming sites in Norway<sup>1</sup>



# Strong market position in Chile

## The world's second largest salmon farming market

- Number one steel pen supplier in Chile
- Leading position in net cleaning, feeding, and digital systems
- Large recurring Service & Aftersales base representing ~50% of revenue in the region
- Experienced workforce with >5 years average seniority in the company
- Innovation-driven growth ahead

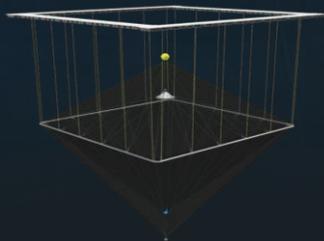
 250+ employees



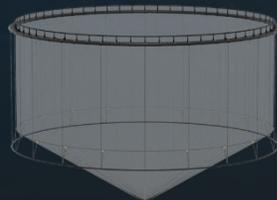
# Growth opportunities in Chile

- Deep farming opportunity emerging – ~30% of sites suitable for Nautilus™
- Significant potential for nets and waterborne feeding
- First low-emission systems installed

Deep farming



Nets



Waterborne feeding



Low-emission farming



# Other international growth opportunities



## Canada

Service presence Newfoundland

Potential for growth in **net service and cleaning**

## UK

Market leader in **plastic cages**, moving toward larger pen sizes

Growth potential across **nets, cleaning/ROV, barges, and digital solutions**

## Turkey

Market leader in **plastic cages and feeding systems**

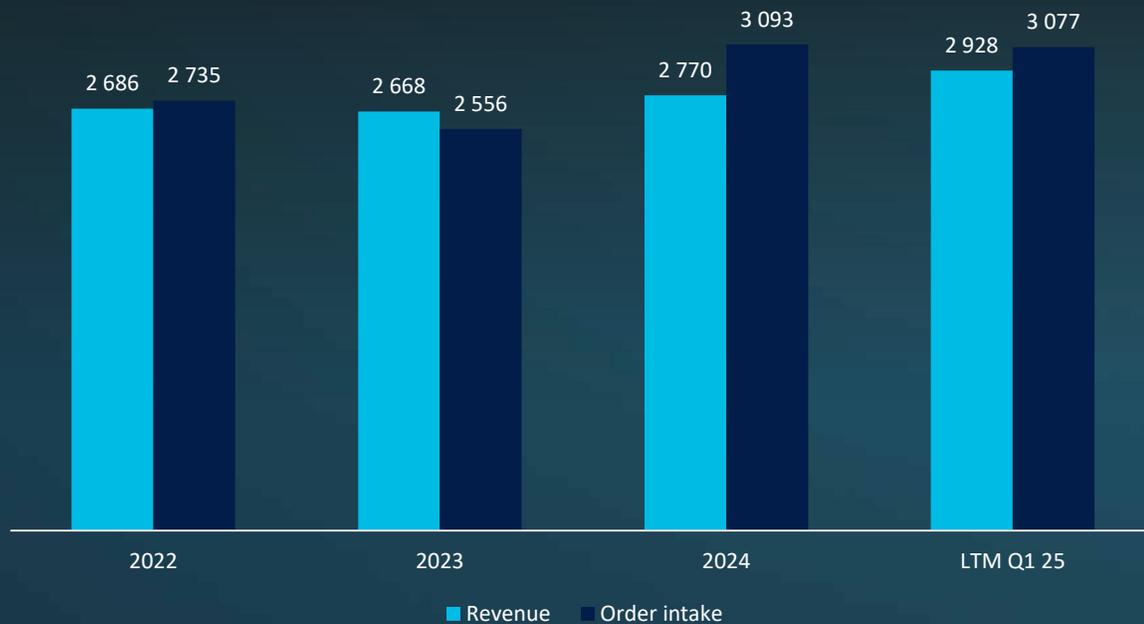
In-house production and service of **fish farming nets** with growth potential in **deep farming**

## RoW

Focus on **barges and feed systems, pens, boats, nets, services** and increasing **digital foundation**

# Growing recurring service base with upside in deep farming

## Revenue and order intake (NOKm)



## Growth levers towards 2027

*Illustrative revenue path*



# Our strategic and financial roadmap

2022 - 2024

Revenue:

<2% CAGR → 2.8bn

EBITDA-%:

10% → 12%



Growing recurring service business in challenging market environment

2027 target

Revenue:

7% CAGR → ~3.4bn

EBITDA-%:

~14%



Higher growth outlook driven by deep farming

2030 ambition

Revenue:

~4bn

EBITDA-%:

>14%



Continued growth driven by deep farming and international opportunities

# Pioneering sea-based farming



Strong and stable core business built on decades of innovation



Deep farming with Nautilus is unlocking the next growth frontier



Growing recurring revenue base in resilient Service & Aftermarket



Strategic presence in all key salmon farming markets globally



**A true partner,  
trusted advisor and  
high-quality solutions  
supplier to the  
aquaculture industry  
– pioneering the  
solutions of tomorrow**



# Land Based

Johan Fredrik Gjesdal, COO Land Based

# Pioneering land-based farming since the early 2000s



**Among world's first RAS smolt facilities**

Hardingsmolt, Norway - 2007



**World's first salmon post-smolt**

Hiddenfjord, Faroe Islands - 2014



**World's first 1 kg post-smolt**

Tytlandsvik, Norway - 2019



**World's first scaled RAS grow-out**

Nordic Aqua, China – 2024



**Re-use in grow-out in Iceland**

Laxey, Iceland – 2025

# Stepwise evolution – Industrialisation and technology development

## 2025-2030s **Fully automated and intelligent fish farming**

Data-driven decision making and evolving water technology in a fully automated production setting

## The 2020s **Post-smolt industrialized, proof-of-concept for full-scale grow-out**

Keeping the fish on land for longer - increasing scale, complexity, and capital requirements

## The 2010s **Industrial-scale RAS and the emergence of post-smolt**

Industrialisation of land-based fish farming, in cooperation between industry, science and regulators

## The 2000s **Small-scale RAS systems**

The first generation of recirculation aquaculture systems (RAS) facilities emerges

## Pre-2000 **Simple flow-through solutions**

Smolt production based on simple flow-through solutions from natural rivers

# Ready to capitalize in emerging growth phase

## The world's leading full-scale land-based offering

- Fully integrated RAS process systems
- Proven project delivery across design, building and service
- Scalable capacity backed by deep biological and engineering expertise

**~NOK 300 million**

Invested in transformation since 2020

**~250 employees**

High competence and industry expertise

**NOK 618 million**

Revenue 2024

**NOK 1.4 billion**

Order backlog 2024

## Proven and documented technology



Extensive track record

Delivering high operational stability

Optimized dimensioning and cost effective standardized solutions

## End-to-end project execution



Concept development, engineering and design

Procurement, manufacturing and logistics

Construction, installation and commissioning

## Advisory and services



Technical and biological training

Operational support, inspections and system revisions

Services, spare-parts and support

# Delivering fully integrated RAS systems for excellent fish performance

## End-to-end process control and RAS technology



## Tailored to desired capacity and water quality



Scalable and standardized solutions through advanced system integration



Clean water technology



Stable performance with predictable water quality



Highly automated and easy to operate

# The only true global RAS supplier





# The post-smolt opportunity

# Post-smolt is part of the solution to the growth challenge

## IMPROVE FISH HEALTH & WELFARE

- Reduced time in sea
- Fewer lice treatments
- Lower mortality

## DRIVE GROWTH

- Improved fish performance
- Higher capacity utilisation
- Enabling strategic stocking

## CREATE VALUE

- Volume
- Fish quality
- Cost



# Proven international track record of post-smolt developments



Hiddenfjord

Hiddenfjord, Faroe Islands



 2,300 tonnes

 700 g

MOWI

Nordheim, Norway



 6,000 tonnes

 700 g



Tytlandsvik, Norway



 6,000 tonnes

 1,000 g



Sealand, Chile



 4,000 tonnes

 400 g

 Annual capacity

 Reached smolt size

# Post-smolt improves survival, welfare and productivity

Comparing smolt >700g vs. <150g

~200

Fewer production days in sea

~50%

Lower cycle mortality

~40%

Fewer treatments

+5%

Faster growth

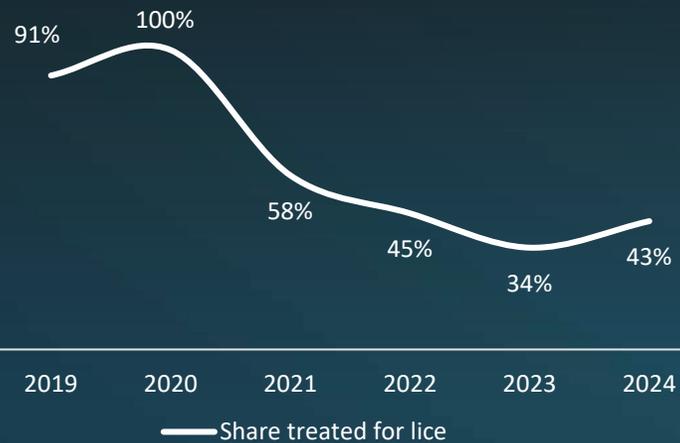
Postsmolt improves survival, welfare and productivity through effects which are generic; reduces time in sea, reduces risk in sea, reduces treatment need, enables strategic stocking and adapting to biological risks, increases site-capacity, increases survival

- MOWI Capital Markets Day 2024, 26 September 2024

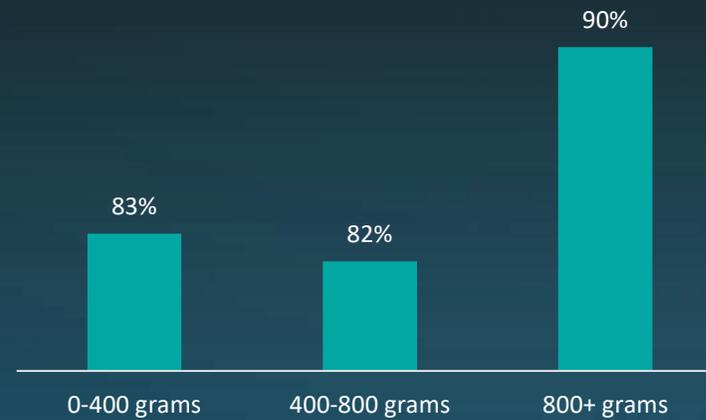
# Grieg Seafood Rogaland

## Successful post-smolt growth strategy

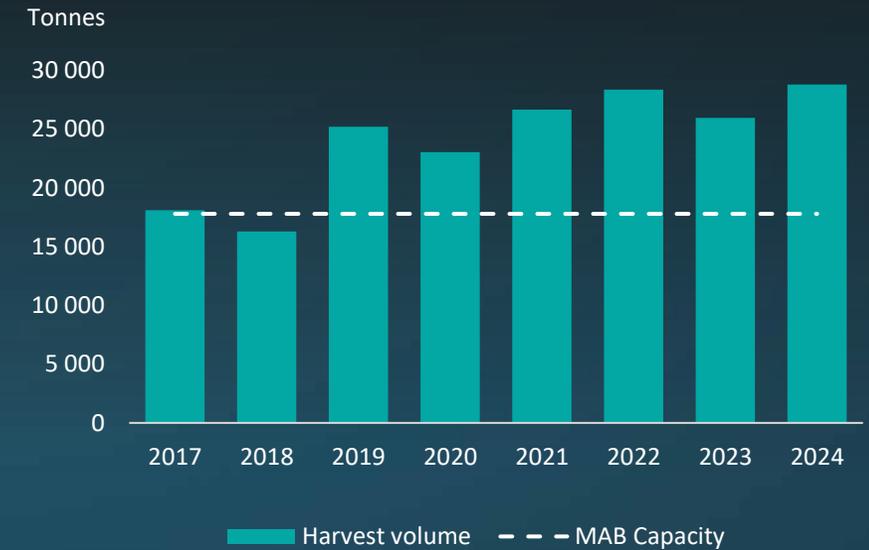
### Reduction in lice treatments



### Survival by smolt category, 2019-2024



### Harvesting volumes



### Average smolt weight at transfer to sea



# Growing salmon volumes will require more and larger smolt

## Post-smolt wave offers major a market opportunity

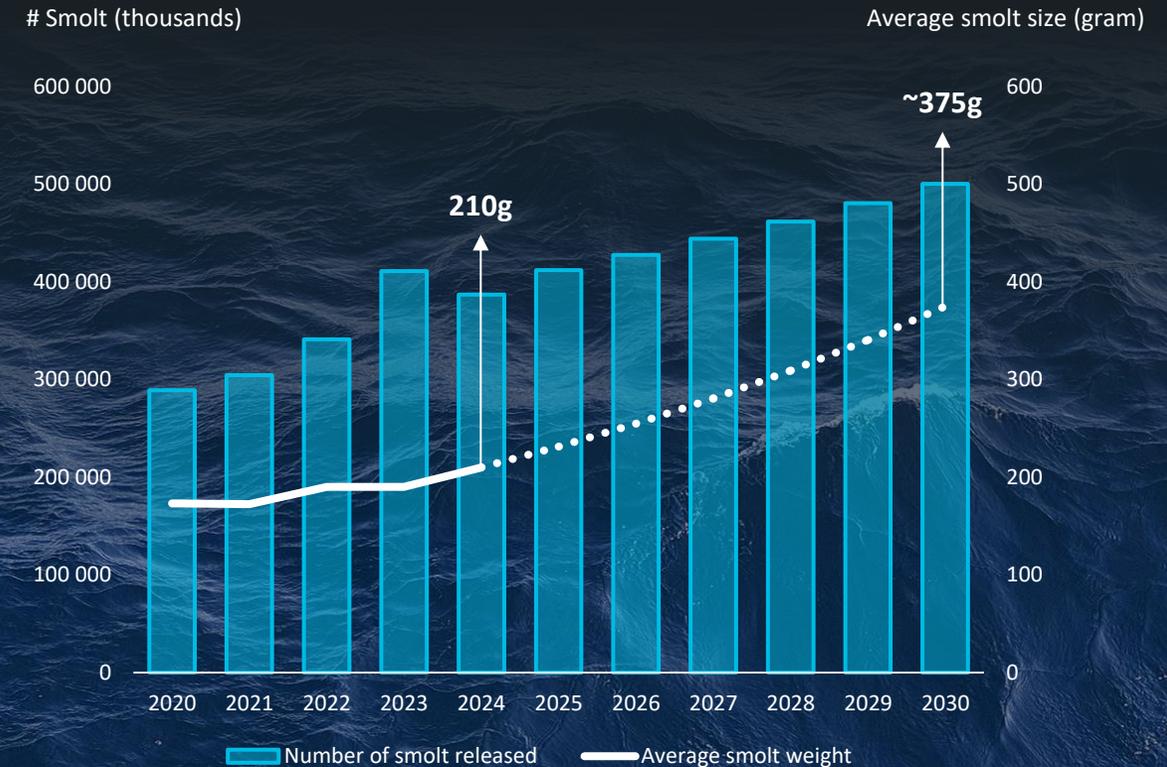
**Smolt biomass set to double by 2030** in Norway through unit growth and increased average smolt weight

Creates annual RAS technology market of **NOK ~2 billion** in Norway including upgrades and rebuilds

**NOK >500 million** annual revenue opportunity for AKVA, aiming for market share of 25-30%

**NOK >200 million** annual international revenue opportunity, leveraging strong global market positions

## Average smolt weight increasing (Norway)





 The emerging grow-out opportunity

# RAS grow-out facilities – Mastering a new and more complex game

## Larger size and higher complexity



- Advanced operational integrations
- Comprehensive infrastructure requirements
- High capital requirements
- Introducing a “new salmon product” to the market

## Food standard requirements



- Consumer quality
- Fish health and sustainability standards
- Extreme water quality requirements
- Value chain transparency

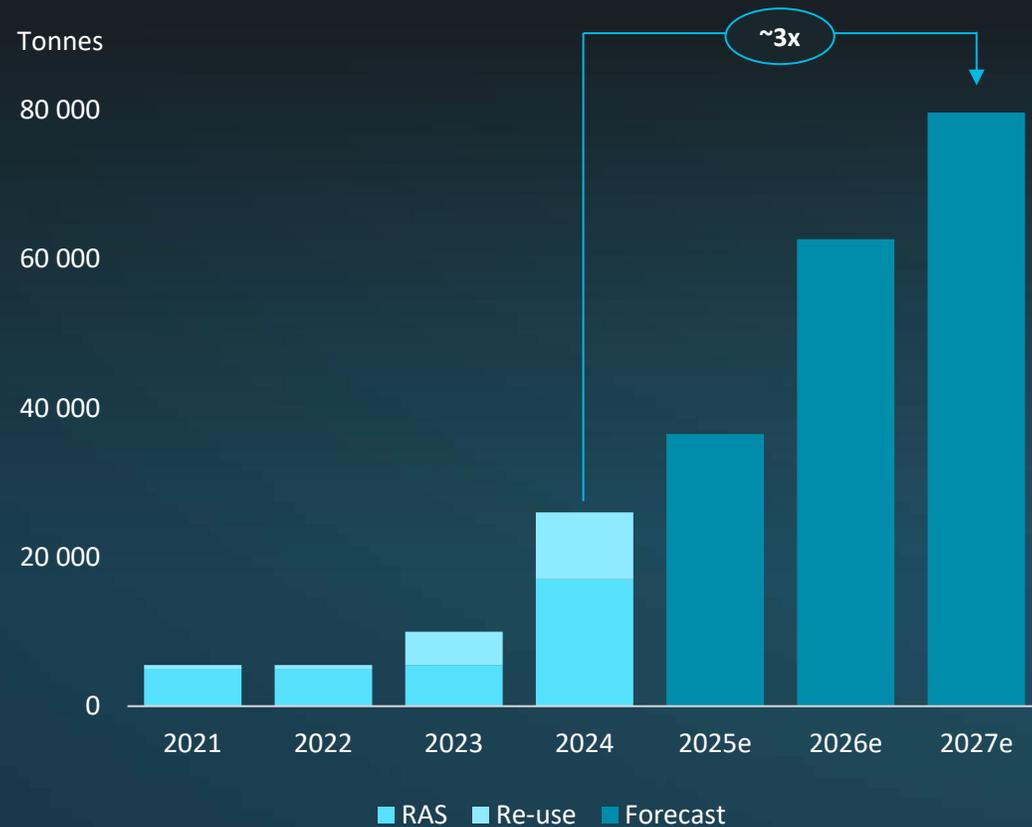
## Challenges in the grow-out phase



- Challenges with off-flavour in the grow-out phase due to geosmin
- Managing and controlling risks through technology and strict operational procedures
- Biofilters, protein skimmers, vacuum UV, ozonation, activated carbon, etc.

# Fundamentals in place for scaling up grow-out

Harvest volume land-based salmon farming



- Grow-out technologies yielding strong results
- Harvest at high quality and increasing weights
- Approaching unit economics competitive with conventional farming
- RAS leading the way as the most scalable technology globally

# Re-use grow-out facility in Iceland with 70% seawater reuse



6

Grow-out sections

36,000 MT

Total targeted HOG capacity

AKVA delivering selected re-use technology

Includes post-smolt strategy serving sea-based farming

2022

Construction start  
**RAS Smolt station**

2023

Construction start  
**Section 1: 4,500 MT**

Q4 2024

First **smolt transfer**  
to post-smolt facility

Q2 2025

First **post-smolt transfer**  
to grow-out tanks

Q2 2025

Contract signed  
**Section 2: 4,500 MT**

2030

Full facility **6 sections**  
expected completed

# Delivering the first Atlantic salmon grow-out in China



**Stage 3: +12,000 MT**  
Pending investment decision

**Stage 1: 4,000 MT**  
Operational since 2022

**Stage 2: 4,000 MT**  
Construction ongoing

**Optional Stage 4**  
Potential for +30,000 MT

**3 stage build-out**

Stage 4 option

**20,000 MT**

Total targeted HOG capacity + 30,000 MT option

**AKVA RAS Technology**

End-to-end solution from hatchery to grow-out

Q3 2021

Construction start  
**Stage 1**

Q1 2022

Production start  
**Stage 1**

Q3 2023

Construction start  
**Stage 2**

Q2 2024

First harvest  
**Stage 1**

Q3 2024

Production start  
**Stage 2**

2025

Investment decision  
**Stage 3**

# AKVA technology yielding strong results

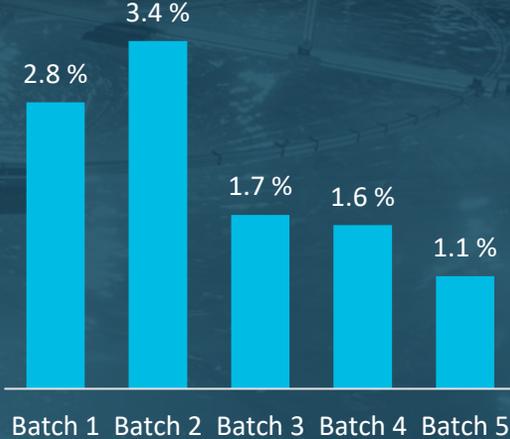
Average harvest weight (kg HOG)



Superior share (%)



Mortality from 150 grams (%)



Biomass net growth, tonnes LW



# China – A major growth market for salmon

## The world's largest seafood market

260 million middle/upper-class households by 2030

Strong preference for fresh and healthy seafood

## The Atlantic salmon market

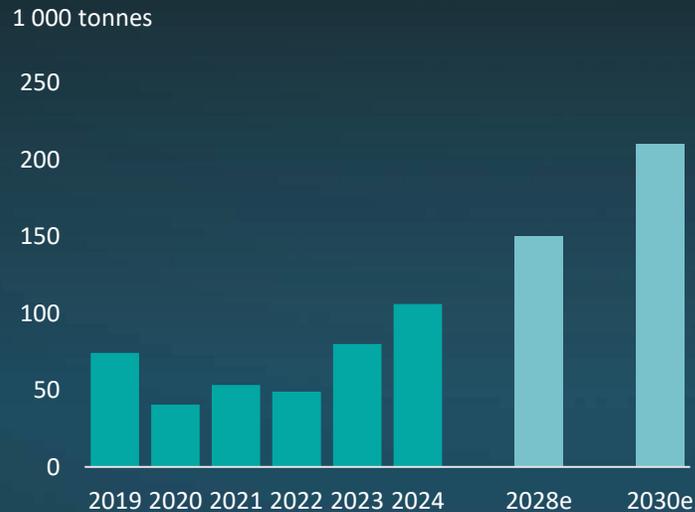
106,000 tonnes imported in 2024

Supplied by over-seas producers, Norway ~45%

Significant upside in current 0.1 kg/capita consumption

Estimated 200,000+ tonnes in 2030, CAGR +12%

## Chinese consumption x2 by 2030



# Positioned to leverage on the Asian growth opportunity

## Already present and rigged for growth

NOAP serves as proven reference and technology showcase in Asia  
On-the-ground site teams and established supply chains with network of qualified sub-suppliers in the region

At the forefront of scaling sustainable salmon supply to serve the world's most populous markets

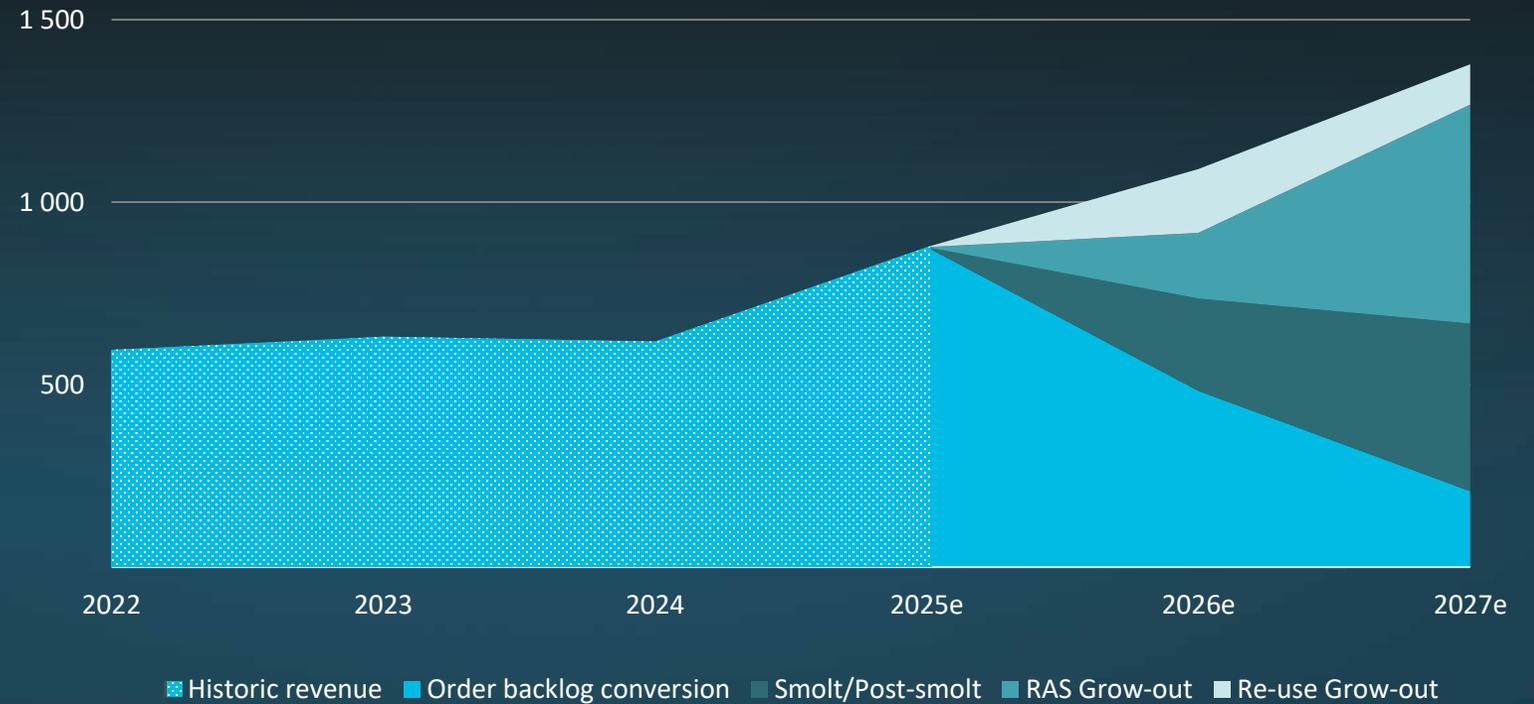


# Existing backlog and visible pipeline support scalable growth

## Order backlog of NOK 1.4bn

- Current backlog and qualified pipeline opens for significant growth through 2027
- Broad and diversified revenue base both technologically and geographically
- Roughly 50/50 revenue split between smolt/post-smolt and grow-out in 2027
- Roughly 40/60 split between Norway and international revenue in 2027

## Revenue conversion of order backlog and pipeline



# Our strategic and financial roadmap

2022 - 2024

Revenue:

<1% CAGR → 618m

EBITDA-%:

Neg. → 4%



Turnaround in a  
challenging market

2027 target

Revenue:

~1.4bn

EBITDA-%:

~10%



Land-based expansion post  
commercial validation

2030 ambition

Revenue:

~2.5bn

EBITDA-%:

>10%



Expanding opportunity pipeline for  
both post-smolt and grow-out

# Pioneering land-based farming



Transformation completed, positioned for profitable growth



Technology solutions delivering best-in-class fish performance



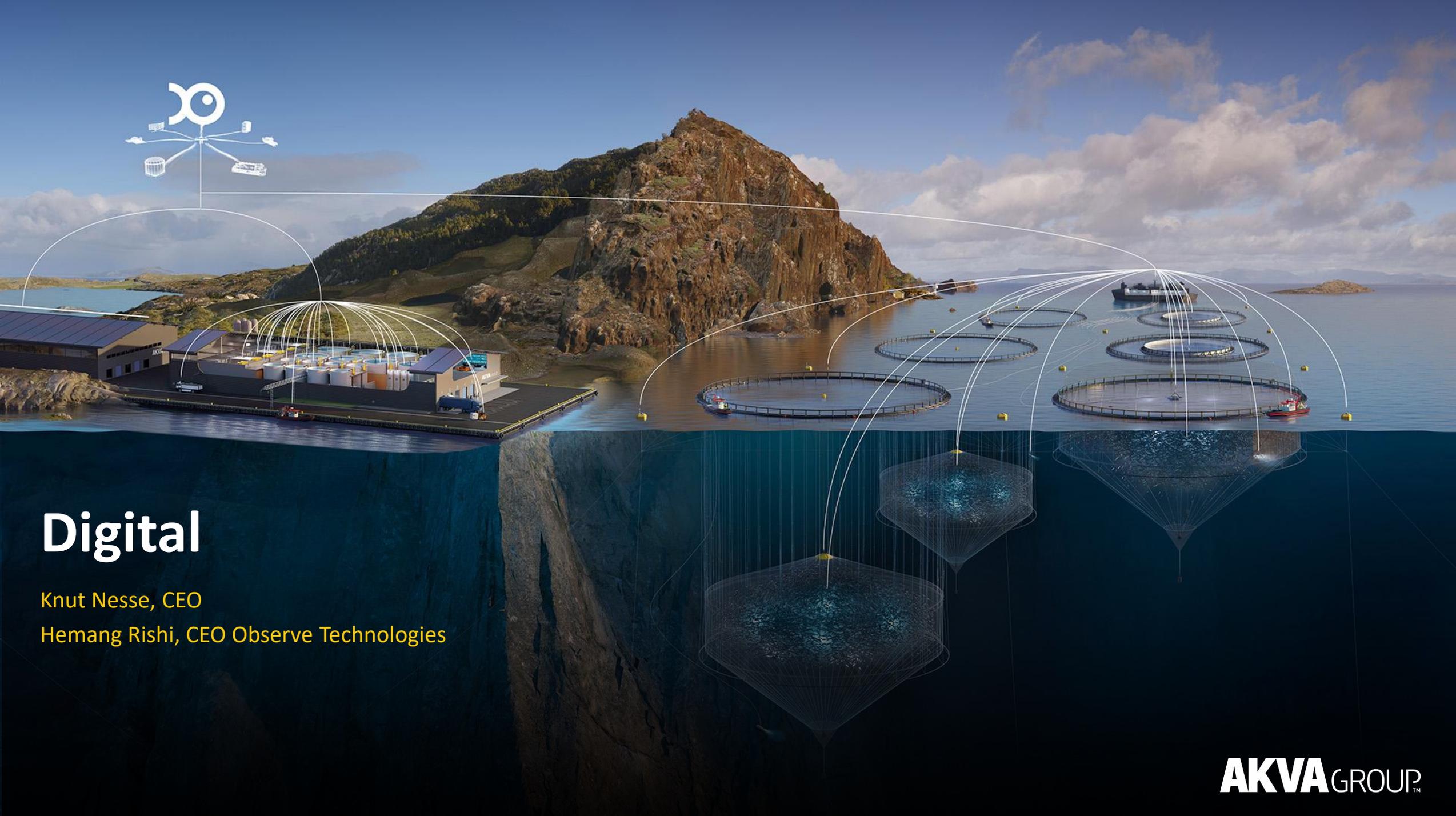
The only true global RAS supplier, from post-smolt to grow-out



Margin accretive growth driven by robust orderbook and pipeline



**A true partner and trusted advisor, delivering excellence in land-based aquaculture today – pioneering the solutions of tomorrow**



# Digital

Knut Nesse, CEO

Hemang Rishi, CEO Observe Technologies

# Pioneering digital solutions in global aquaculture



**World's 1<sup>st</sup> industrialized control system introduced**

AKVA connect - 1982



**World's 1<sup>st</sup> biological ERP system rolled out**

AKVA fishtalk - 1985

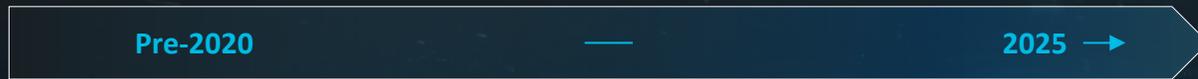


**World's 1<sup>st</sup> AI-driven feeding system acquired**

AKVA observe - 2024

# Digital transformation journey in aquaculture

## Digital transformation and adoption driving value in the industry From nice-to-have to real-time and data-driven decision making



### Historical data

- Basic automated feeding and process control
- Standalone tools
- Data logging and manual reporting



### Real-time data

- Centralisation of data
- Expansion of cloud connectivity and remote access
- Increasing integration and use of BI tools



### Data-driven

- AI-powered optimisation
- Standardisation and integration
- Predictive analytics and automated decision-making



## Digitalisation and automation on the agenda

Pillar	
Smart farming	<p>"... we are working with AI to advance our smart farming"</p> 
Precision farming	<p>"Precision farming – Digitalisation of salmon farming"</p> 
Cost reduction	<p>"Significant savings potential from introducing more technology - we estimate in the next 5 years additional annualised savings of EUR &gt;60 million"</p> 
Growth lever	<p>"Digital transformation and automation"</p> 
Fish welfare	<p>"Digitalisation – Continuous monitoring fish welfare and optimizing value creation"</p> 
	<p><b>Industry-wide digitalisation focus for future value creation</b></p>

# Invested to create the globally leading Digital platform in aquaculture

## Positioned for long-term growth

Ready to capitalise on a strong platform built with **NOK 500 million<sup>1</sup>** of committed investments since 2021

**~120 employees**

## Leading digital solutions for precision farming

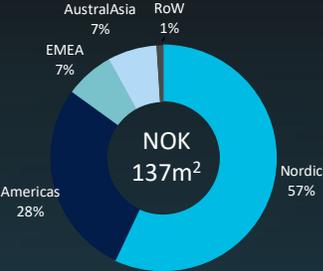


Administration, planning, management and equipment control



AI-based planning and real-time decision support

## Present in all major markets



**With >90% of revenues on recurring basis**

*“We recognize a significant change in Akva Group’s focus on digital solutions with composable architecture and AI as key components. By continuing this trajectory Akva Group will strengthen their position as a partner in digital transition within the aquaculture industry!”*

*- Trond Kathenes, Chief Digital Officer, Grieg Seafood ASA*

(1) Total R&D and investments since 2021, including estimated capex for 2025 (2) 2024 revenue by geography, adjusted for the positive impact by NOK 76m, related to the step acquisition of Observe Technologies and the remeasurement gain

# Precision farming helps meet the industry challenges

## IMPROVE FISH HEALTH & WELFARE

- Enabling optimized feeding
- Improved biomass control
- Reduced health issues
- Lower mortality

## DRIVE GROWTH

- Improved fish performance
- Increased growth

## CREATE VALUE

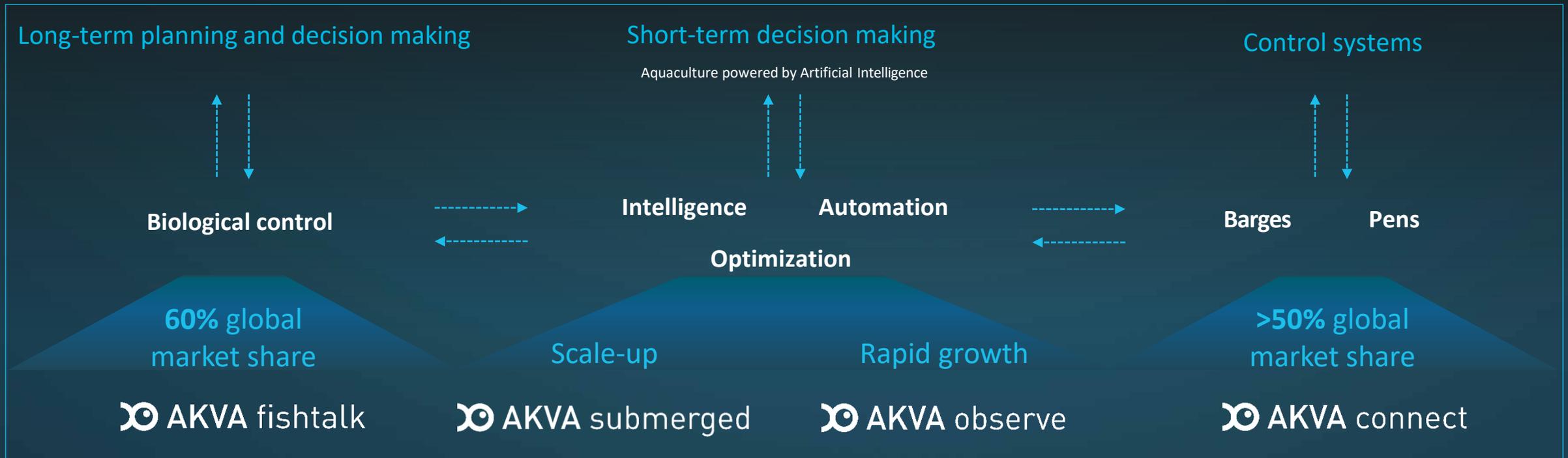
- Volume
- Quality
- FCR
- OPEX



# Complete platform enabling next-gen precision fish farming

## Sustainable fish performance

Feeding – Biomass – Lice – Health



# AKVA fishtalk

6 out of 10 Atlantic salmon on AKVA systems

Trusted biological ERP system designed for aquaculture



Status and oversight from broodstock to harvest



<b>AKVA control</b> 	Core module for end-to-end biological control – from broodstock to harvest
<b>AKVA plan</b> 	Operational planning module – support for site-level decisions
<b>AKVA finance</b> 	Biology-driven financial control and forecasting

Enabling:

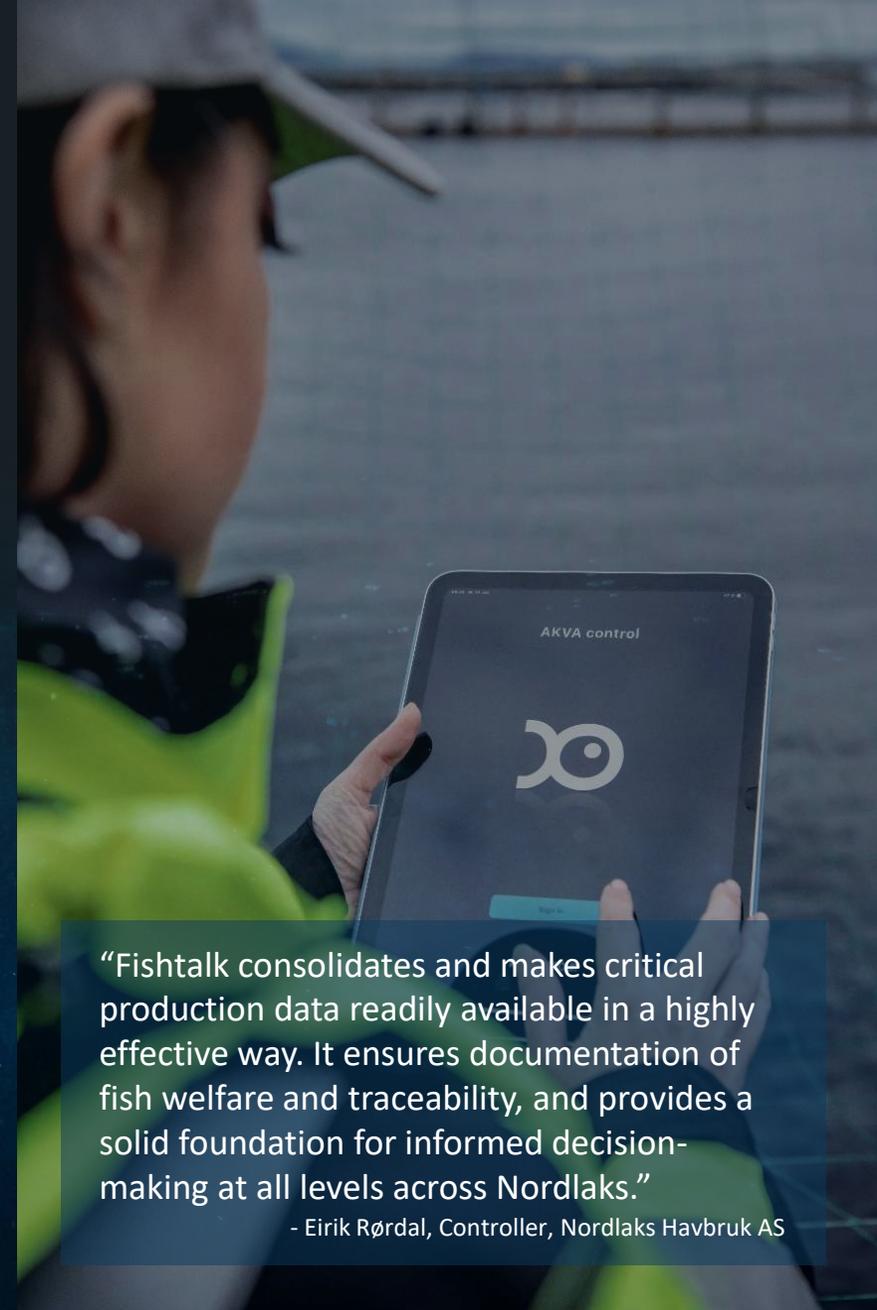
Optimal planning and efficiency

Full traceability

Excellent fish quality

Increased profitability

With **>95%** customer retention



“Fishtalk consolidates and makes critical production data readily available in a highly effective way. It ensures documentation of fish welfare and traceability, and provides a solid foundation for informed decision-making at all levels across Nordlaks.”

- Eirik Rørdal, Controller, Nordlaks Havbruk AS

# Transitioning ERP to cloud-based SaaS model

## SaaS architecture for true scalability

Recurring revenues



Customer stickiness



Predictability



Upselling opportunities



Standardised and open architecture



The most extensive salmon farming data library

50M+

ton biomass

10TB+

fish data

# AKVA connect

On 5 out of 10 Atlantic salmon fish farming barges and feed systems

An open platform for better feeding performance and efficient operations

<b>AKVA connect feeding</b> 	Simplify daily feeding operation
<b>AKVA connect camera</b> 	Control all AKVA cameras and winches, in addition to selected 3 <sup>rd</sup> party models
<b>AKVA connect barge control</b> 	Controls sub-systems on the feed barge – integrated into a common monitoring and control system

Real-time data visualisation

Automated feeding schedules

Predictive analytics and ML

3<sup>rd</sup> party integration

Enabling:

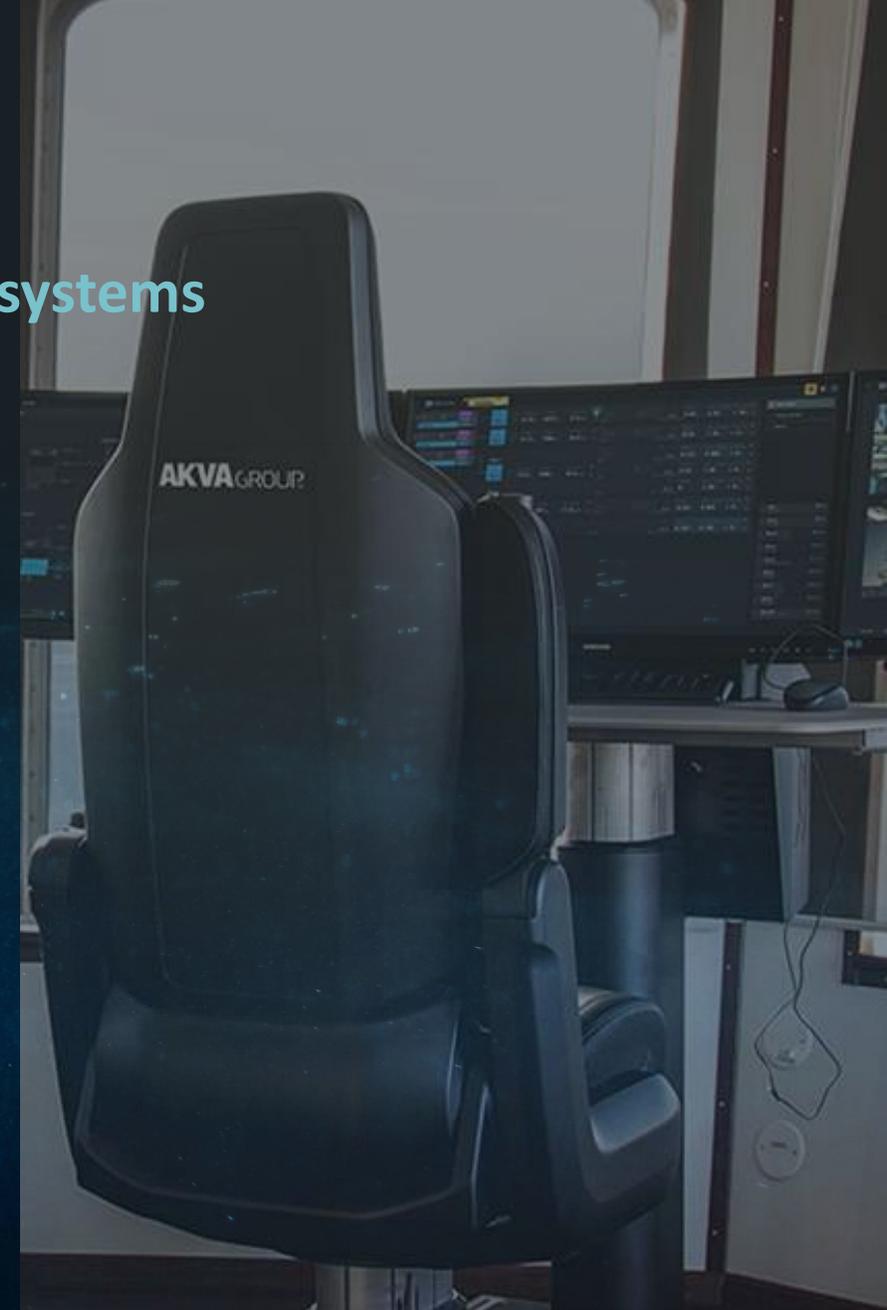
Increased feeding efficiency

Comprehensive operational control

Informed decision making

Remote accessibility

on **>50%** of barges and feeding systems globally with **minimal churn**



# AKVA submerged

First commercial delivery in 2024 – now scaling



## Accurate weight distribution

Accurate weight distribution and average weight per fish with less than 2,9% average deviation



## Automatic sea lice counting

Automatic sea lice monitoring across the entire population



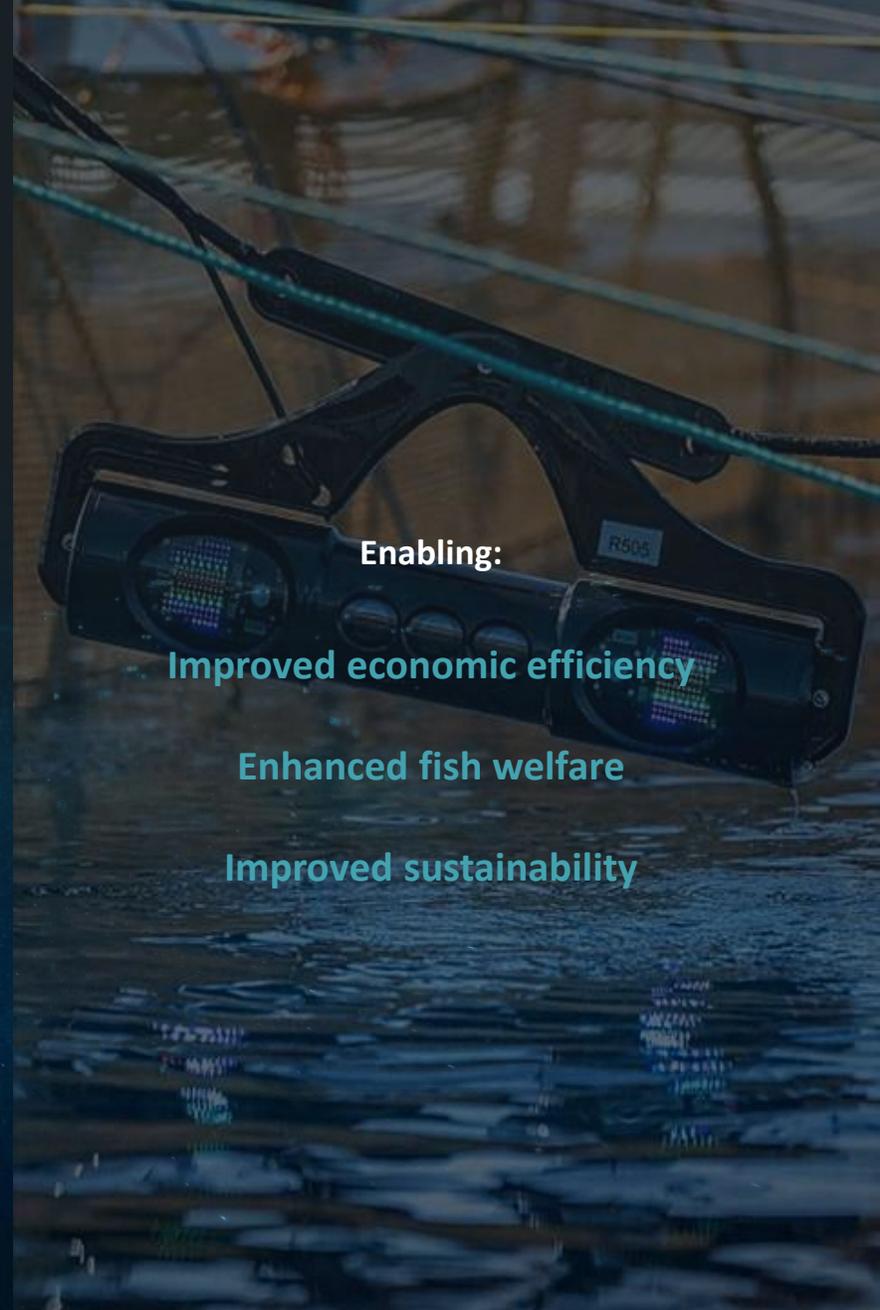
## Health monitoring

Automatic and/or supervised health reports of fish sampled across the entire population



## Data accessibility

All collected data is available through user friendly web-portal and APIs



Enabling:

Improved economic efficiency

Enhanced fish welfare

Improved sustainability



AKVA observe

AQUACULTURE POWERED BY AI

# The feeding challenge – adding science to the art

Multiple fragmented input signals...



... creating major pain points for operators

Information overload



Non-standardized feeding



No reliable benchmarking



## The most advanced AI-driven feed automation system

Simplify

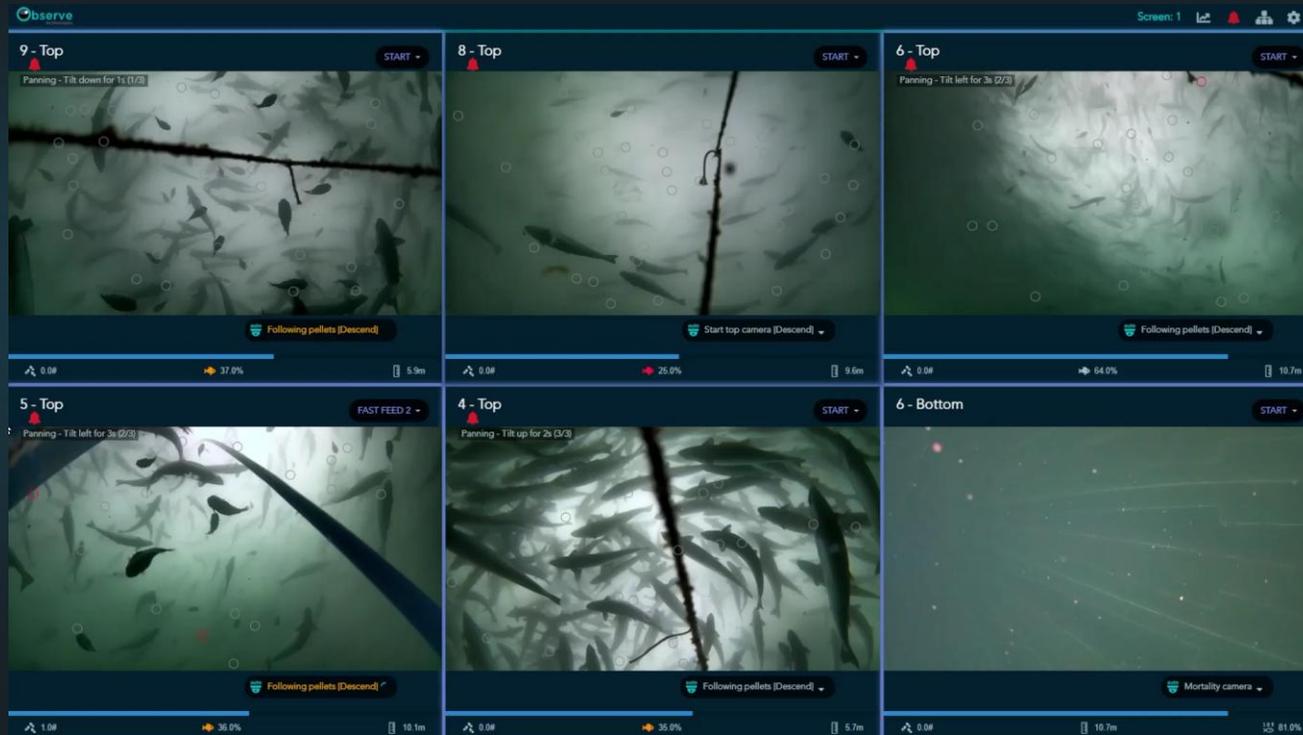


Optimise



Act

### Supplying AI software integrated into existing farm equipment



Optimising the largest cost driver in global fish farming with AI

## Proven operational and biological outcomes

Up to **10% FCR reduction**



Chilean site cut FCR from 1.18 in previous cycle to 1.06



Up to **3% growth increase**



Australian site achieved 3% growth increase in pens



**Improved fish health**



Scottish company detected disease one week in advance, preventing spread



**70% reduced training time**



Canadian site cut feeder training time by 70%



*“As we are scaling up our remote feeding operation to all sites, we have reviewed the performance of Observe AI. The data we have so far clearly shows that the sites using Observe AI are outperforming those without AI”*

*- Cristián Plâ Swett, CEO, Multi-X*

## A scalable solution with strong international traction

- **Established global presence**

- Active on more than 100+ sites

- **Truly scalable solution**

- Hardware agnostic integration

- **Leveraging global footprint**

- Plug-and-play delivery using existing infrastructure distribution

- **Major growth opportunity in Norway**

- Ready to expand in the largest untapped salmon market for AI-driven precision feeding next

### Current geographical presence



Driving improved efficiency and profitability on 100+ sites worldwide and growing rapidly

# Scaling recurring revenue growth through value-based upgrades

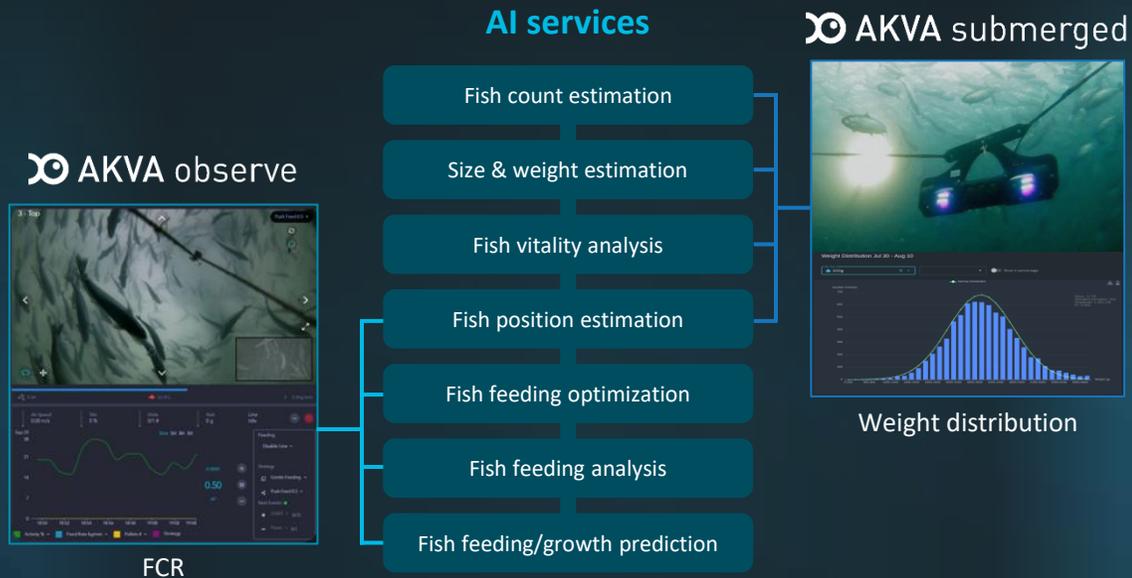
	Released		In development
Packages	Recommendation	Co-pilot automation	Auto-pilot automation
Automation path	Intelligent feed recommendations Interventions needed	Automated feeding Occasional intervention needed	AI-driven feeding Minimal intervention needed
Scalable upsell model	Plug-and-play cross-selling through installed base	Early adopters upgrading to Co-pilot based on proven value	Full AI automation built on Co-pilot success
Sites	Majority	Growing	In development
Price multiple	1x	+	++

50% of Recommendation users already testing Co-pilot

## Introducing precision feeding of tomorrow

Creating an **all-in-one AI solution** for farmers for precise biomass estimation and feeding in one camera...

... providing the fish farmer the solution needed for **optimizing their feeding process**



Right amount of feed ✓

At the right time ✓

Fully automated ✓

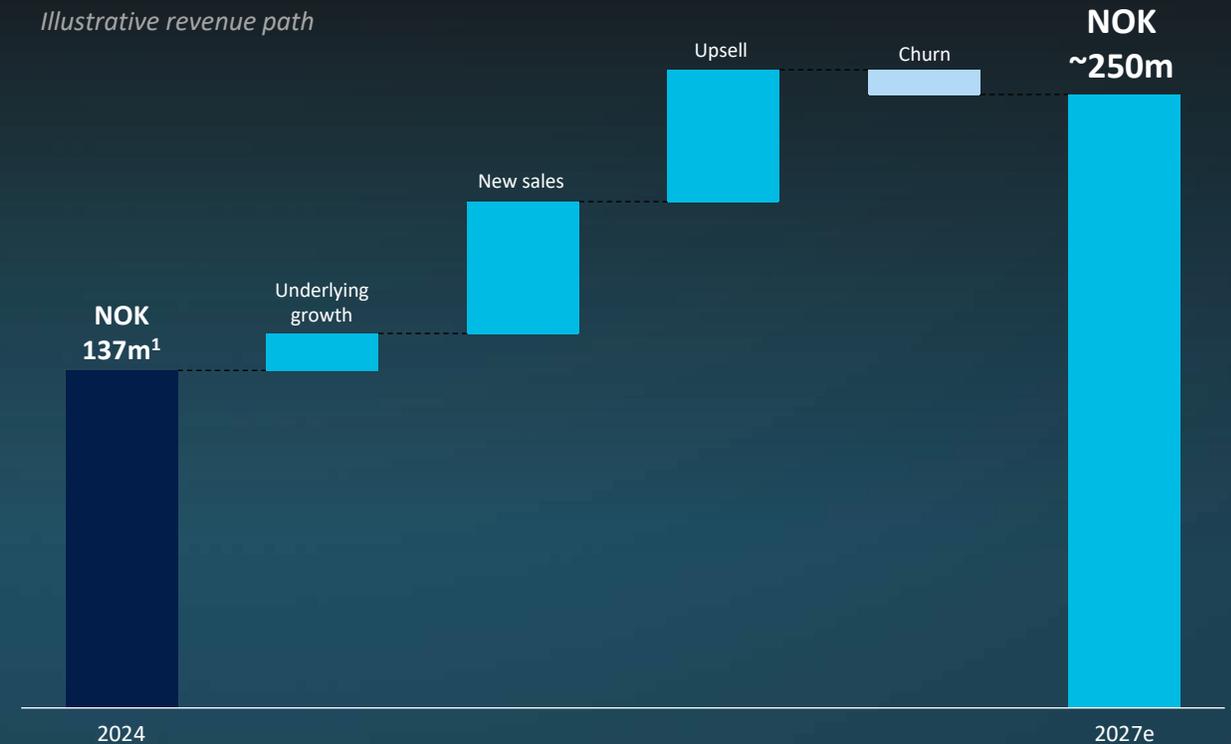
**Optimizing FCR, increasing growth and reducing waste**

# Scaling recurring revenue model with strong customer retention

- Continued underlying growth
- New customer wins
- Upselling, cross-selling and innovations
- Continued minimal churn: <5%
- Maintained annual recurring revenue: >90%

## Key levers driving recurring revenue growth

*Illustrative revenue path*



# Our strategic and financial roadmap

2022 - 2024<sup>1</sup>

Revenue:

20% CAGR → 137m

EBITDA-%:

24% → 22%



Rebuilding and significant investments completed

2024 - 2027

Revenue:

>20% CAGR → ~250m

EBITDA-%:

~40%



Scalable SaaS model entering growth phase

2030 ambition

Revenue:

~500m

EBITDA-%:

>40%



Sustained expansion of high-margin and recurring revenues

# Pioneering the digitalization of sustainable aquaculture



Unique end-to-end digital platform powering precision fish farming globally



Positioned for profitable growth after NOK 500m of strategic investments



Strong financial outlook with high-margin, recurring revenue scaling globally



Unlocking value from SaaS model, AI-driven feeding and data capitalisation

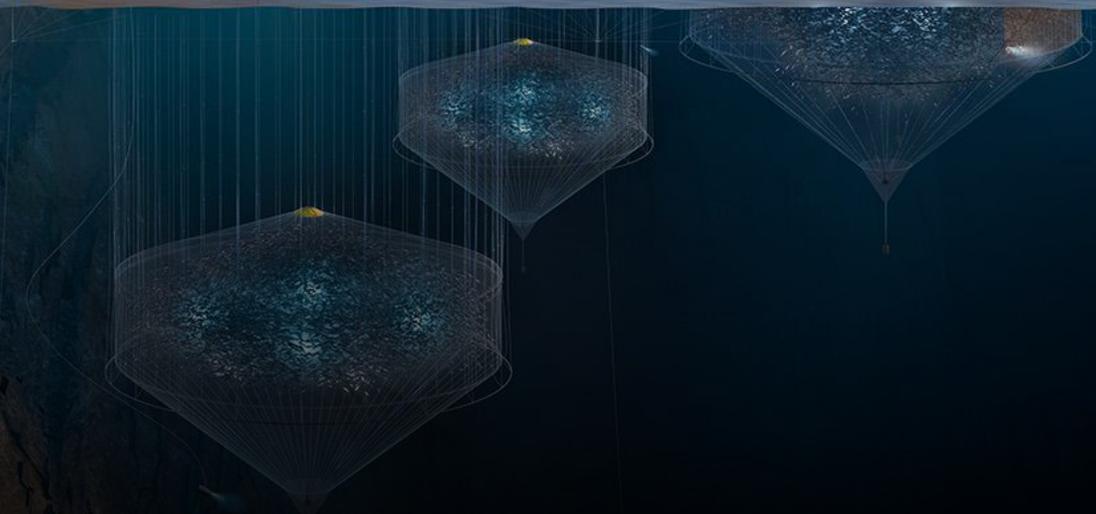


**A true partner and trusted advisor delivering digital excellence in aquaculture today – pioneering the solutions of tomorrow**



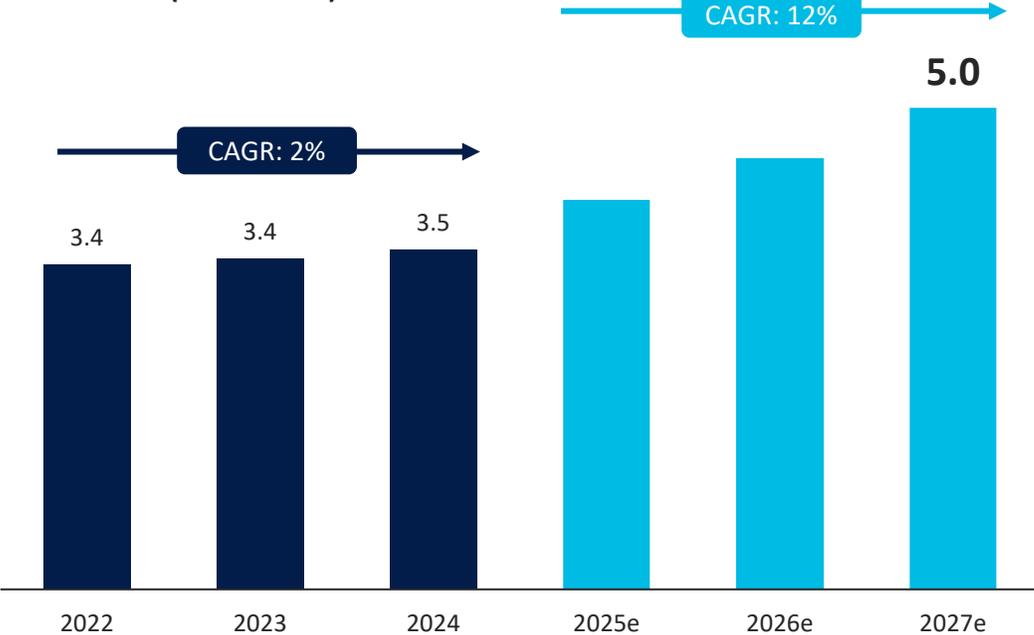
# Financial outlook

Ronny Meinkøhn, CFO



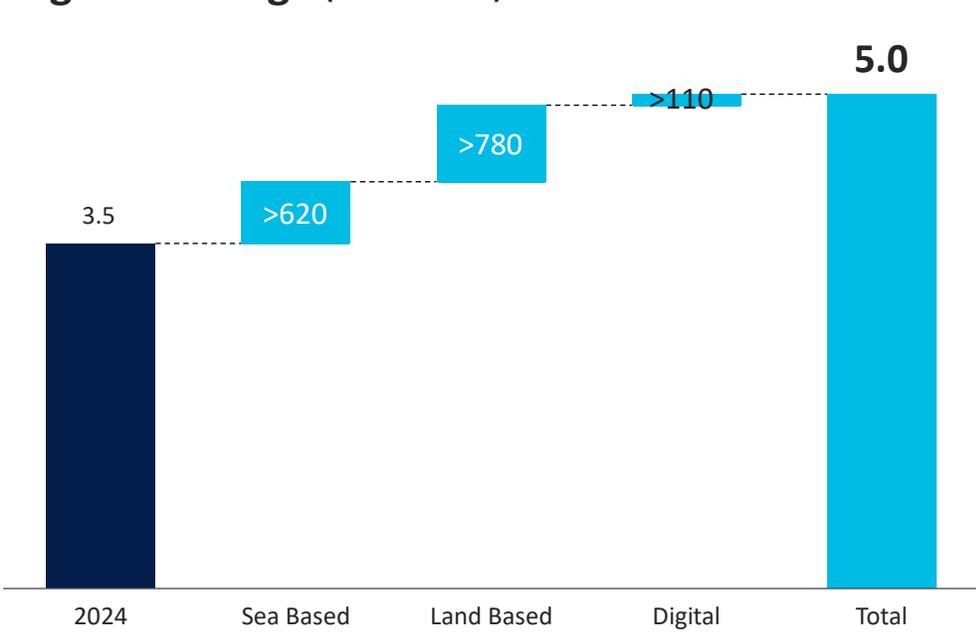
# Entering a new growth era

Revenue (NOK billion)



- Market affected by low industry capex in 2022-2024
- AKVA group successfully rebuilt and ready to capitalize on growth

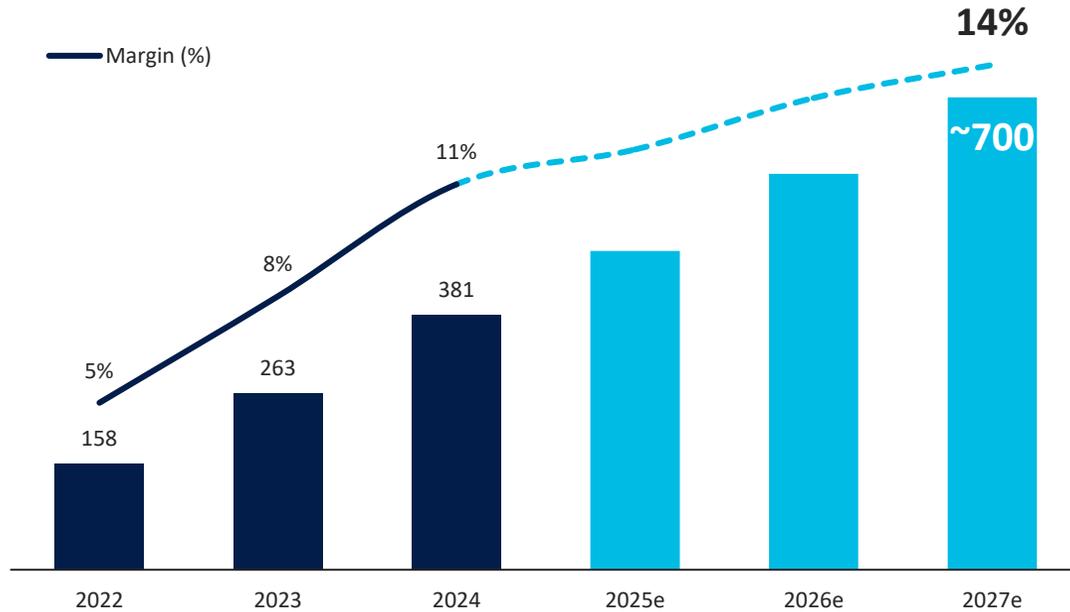
Segment bridge (NOK million)



- Clear growth levers across all segments

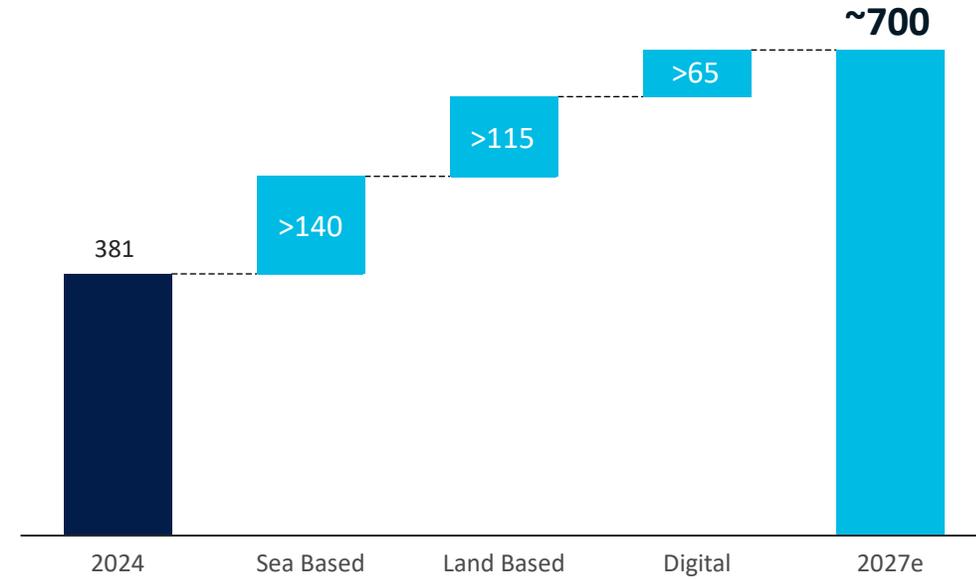
# Continuing the positive EBITDA trend

EBITDA (NOK million)



- Reorganization, restructuring and cost optimization in 2022-2024
- Scale effects and increasing operational leverage from 2024

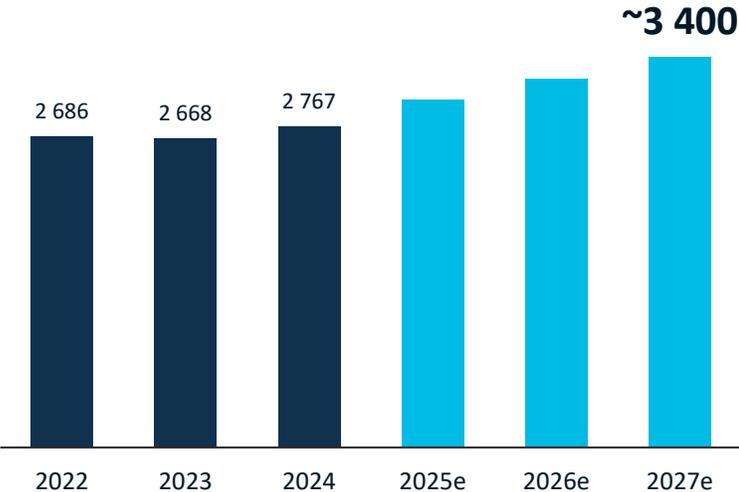
Segment bridge (NOK million)



- Solid contributions from all segments

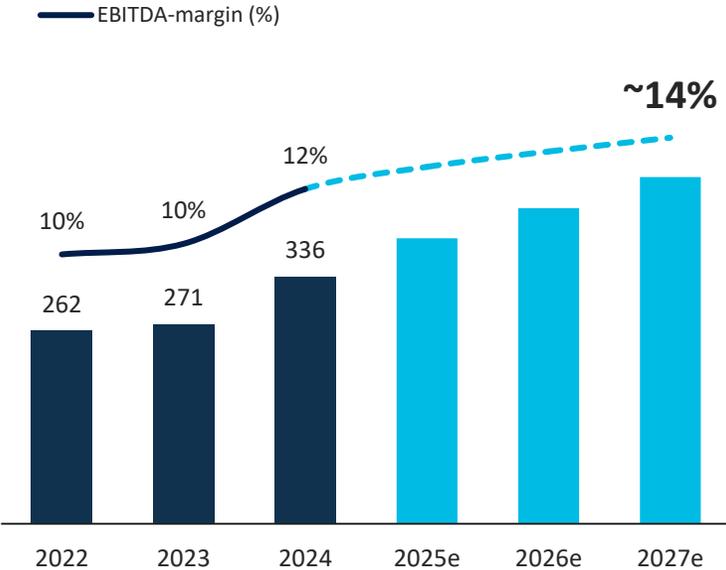
# Sea Based Technology – renewed growth driven by deep farming

Revenue (NOK million)



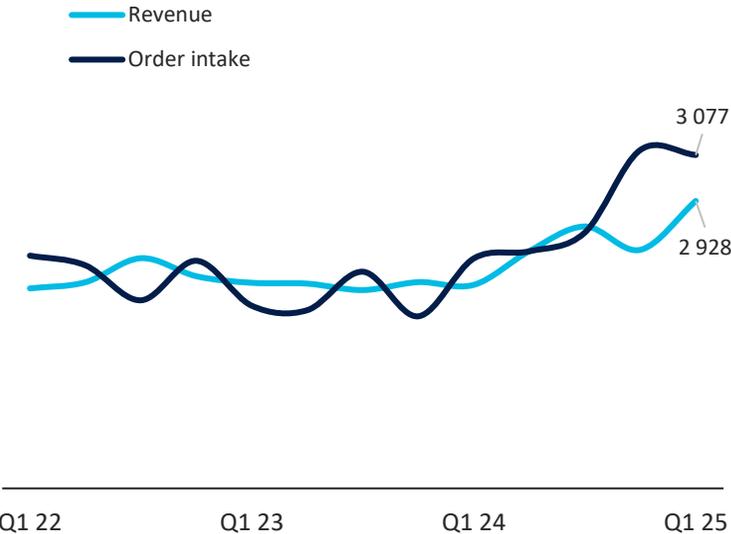
- Growth revival driven by deep farming and continued increase in services

EBITDA (NOK million)



- Margin improvement through increased scale and continued cost efficiency

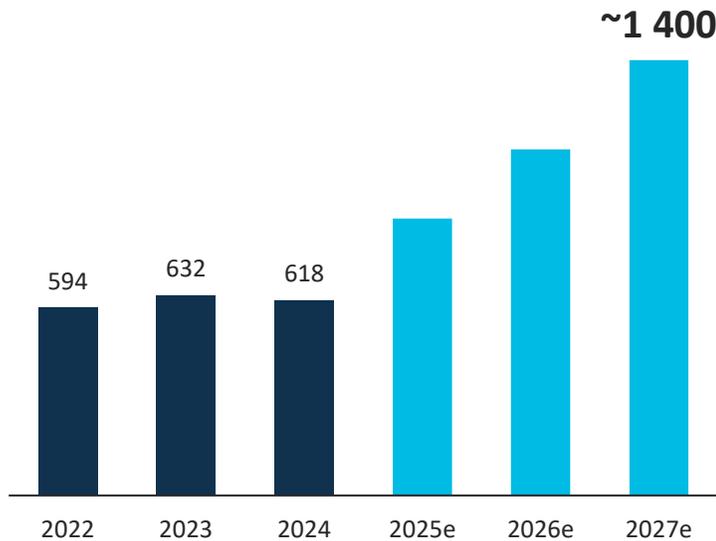
Revenue and order intake (12M rolling, NOK million)



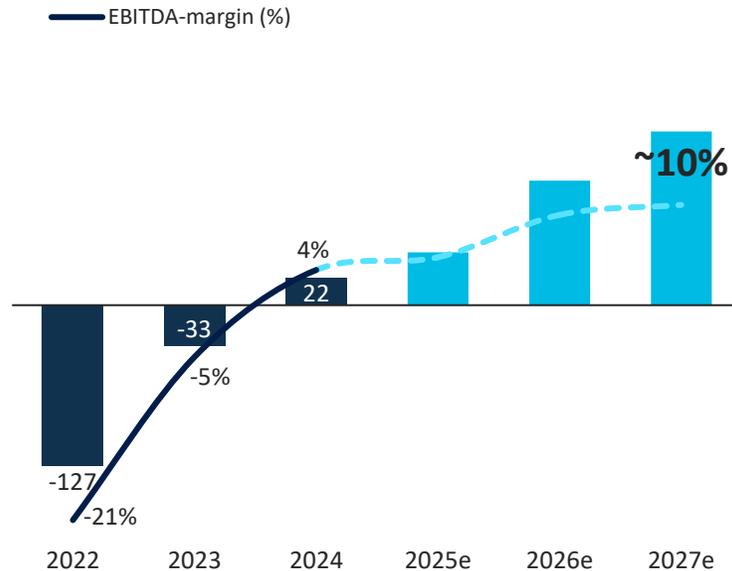
- Clearly improved order intake through 2024 and into 2025

# Land Based Technology – high growth from defined projects

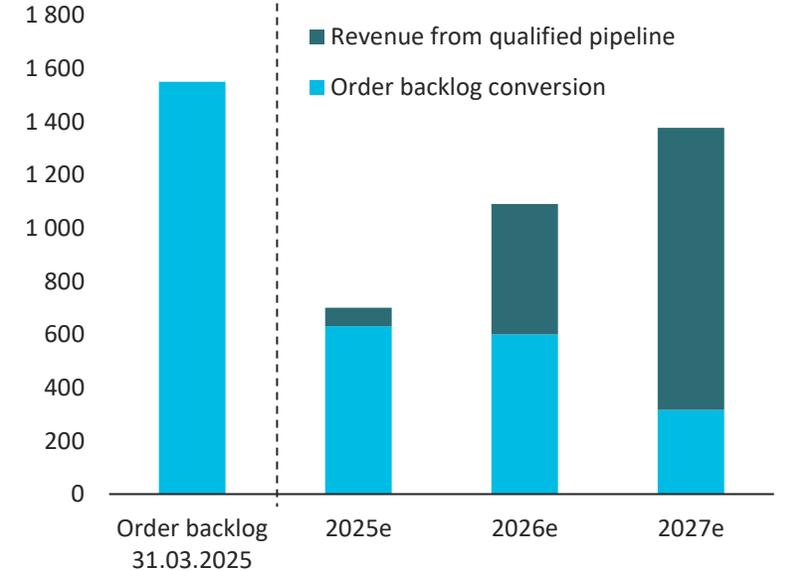
Revenue (NOK million)



EBITDA (NOK million)



Order backlog and revenue outlook (NOK million)



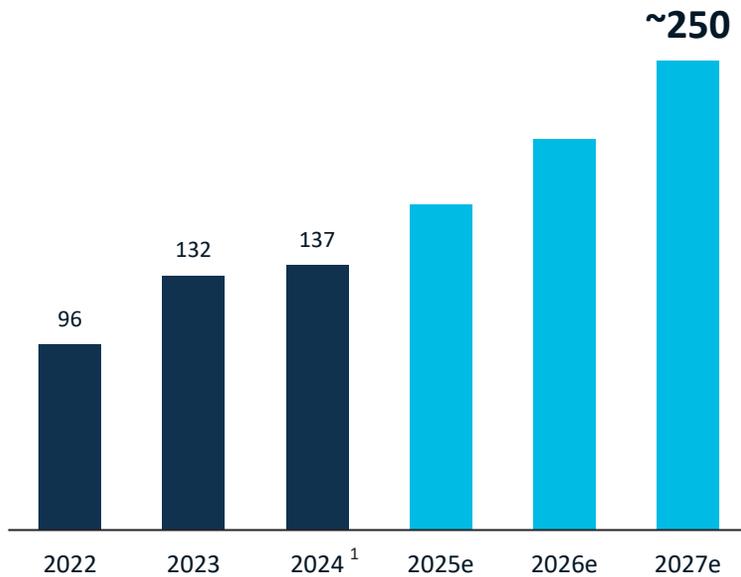
- Growth driven by post-smolt and identified land-based projects in China and Iceland

- Reaching critical mass with high operational leverage

- Large existing backlog and qualified project pipeline

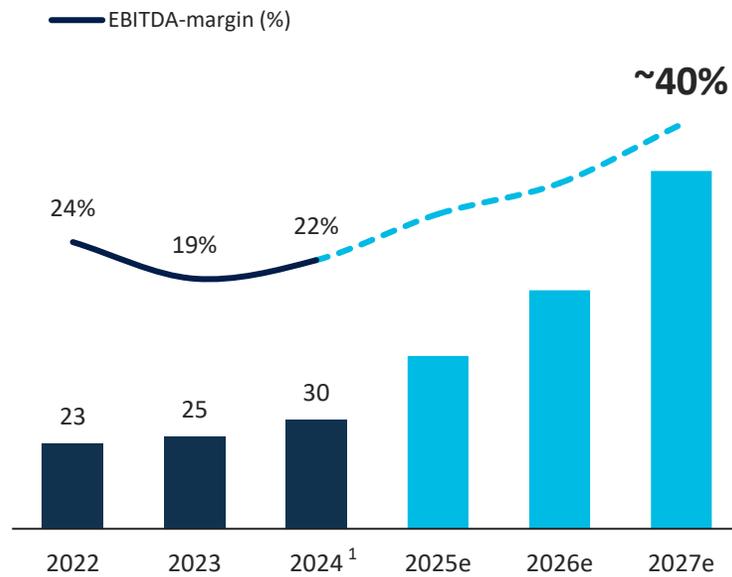
# Digital – expanding a recurring revenue base

Revenue (NOK million)



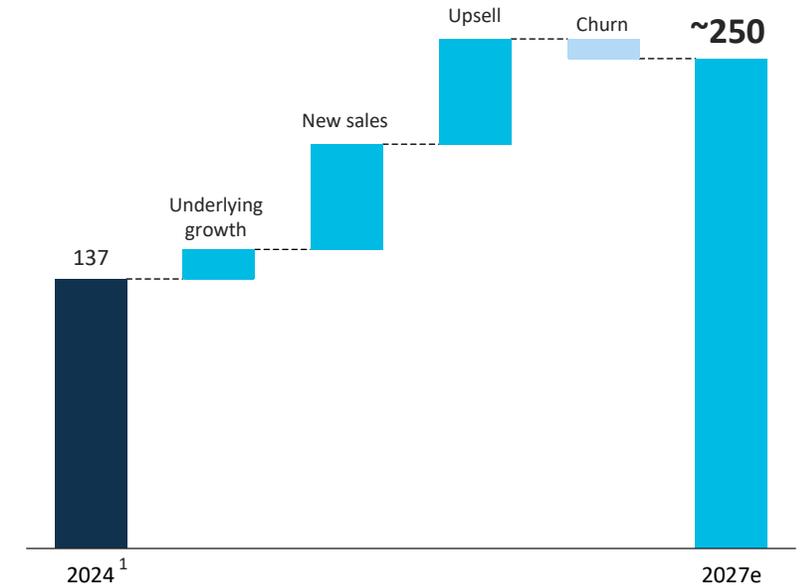
- Strong growth driven by increasing digital adoption
- >90% contract-based recurring revenue

EBITDA (NOK million)



- Margin improvement from operational leverage and scaling recurring revenues

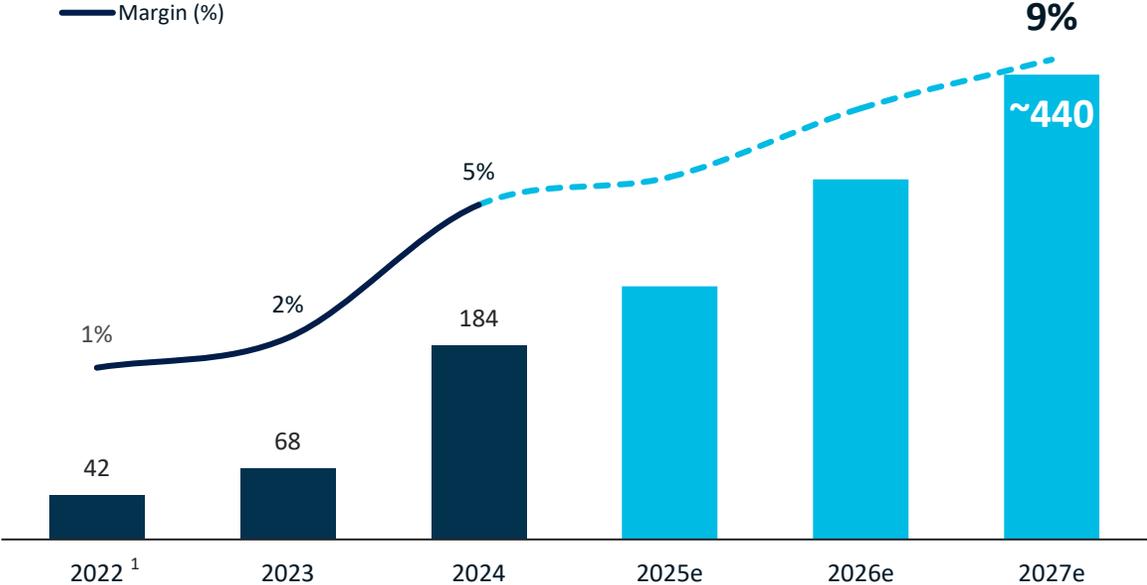
Illustrative revenue path (NOK million)



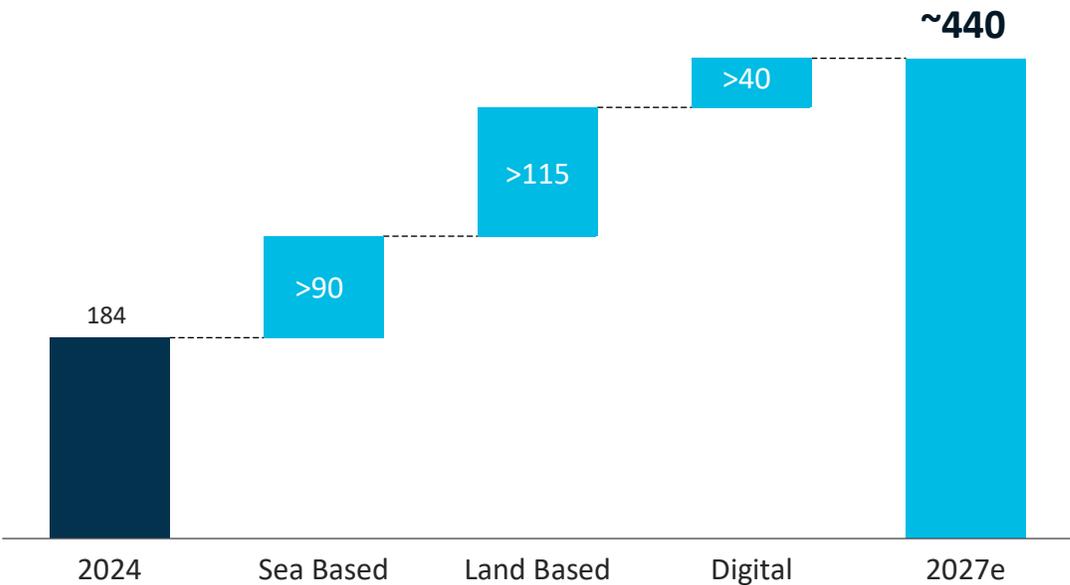
- Mix of new sales and high opportunities for upselling to a resilient customer base with low churn

# Sharp EBIT improvement driven by operational leverage

EBIT (NOK million)



Segment bridge (NOK million)

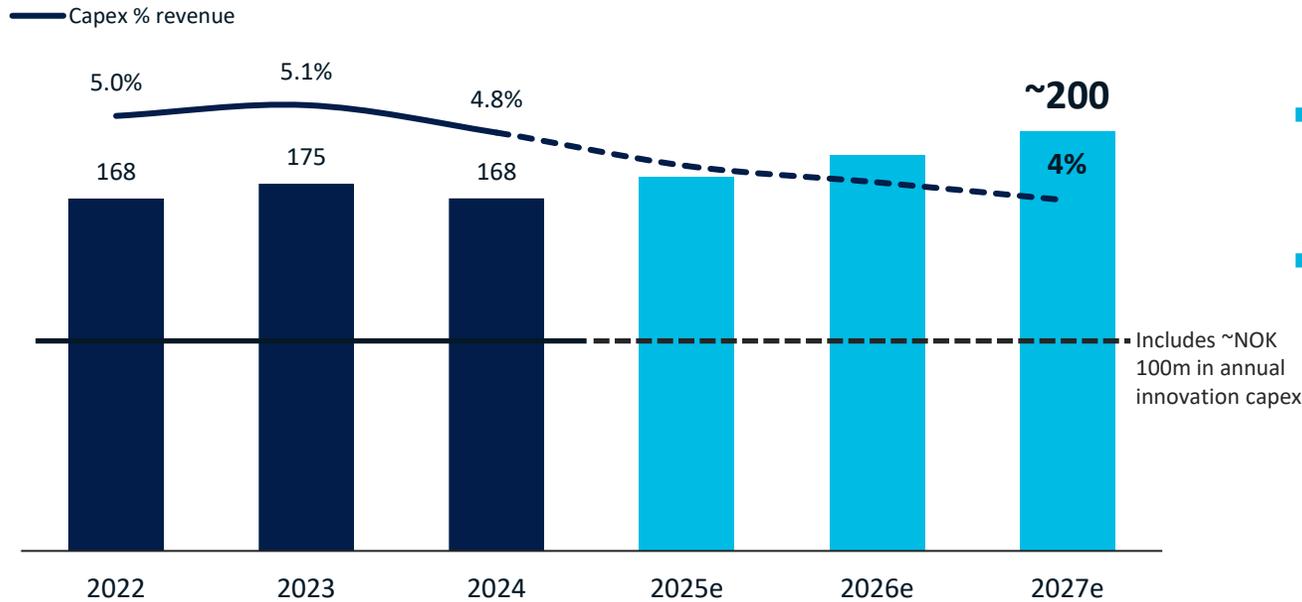


- Successful turnaround in a challenging market in 2022 to 2024
- Capital-light growth with continued margin improvement in each segment

- Set to generate >30% average annual growth in operating profit from 2024 through 2027

# Capex intensity set to decline as revenue grows

## Capex<sup>1</sup> (NOK million)

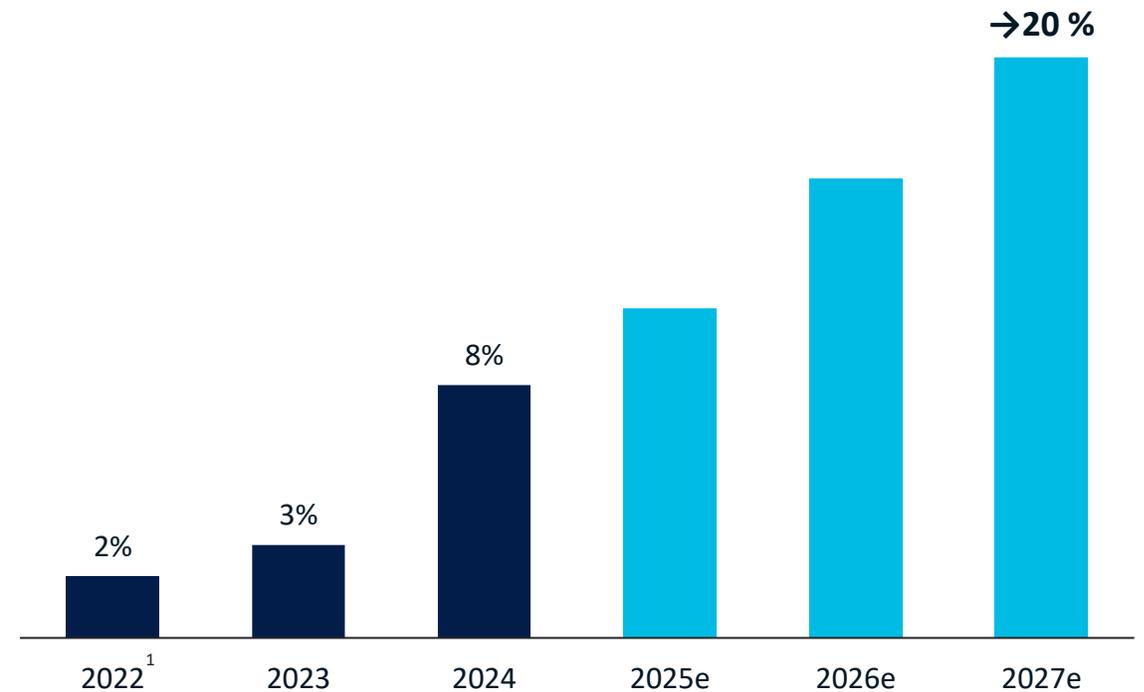


- Spent around 5% of revenue on capex to build a strong delivery platform in 2022-2024
- Targeting only slight increase in absolute capex levels going forward
- Capital intensity set to decline to ~4% of an increased revenue level

# Sharply improving return on capital

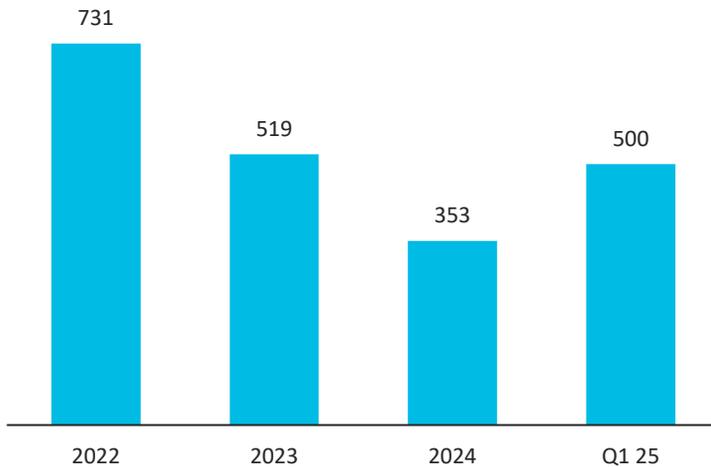
- ROACE improved from 2% in 2022 to 8% in 2024
- Capital-light growth and high operational leverage set to yield sharply improving return on capital going forward
- Estimating ROACE >10% in 2025 and a doubling towards 20% by 2027

Return on average capital employed (%)



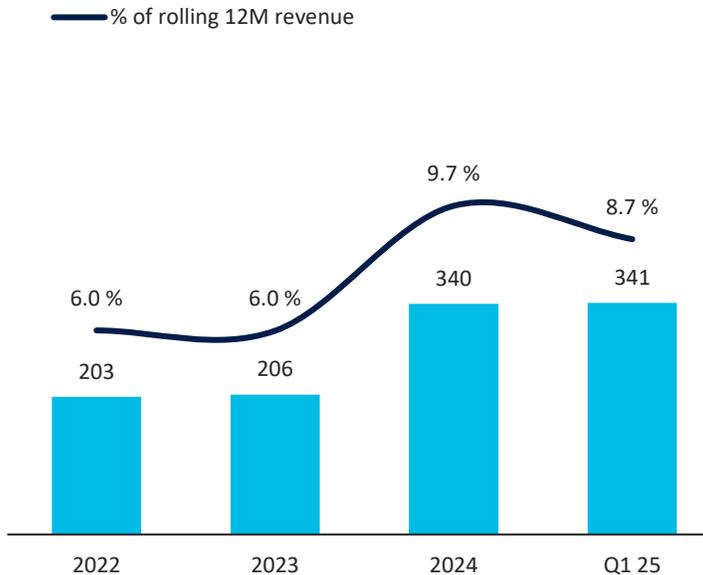
# High financial flexibility

## Available cash (NOK million)



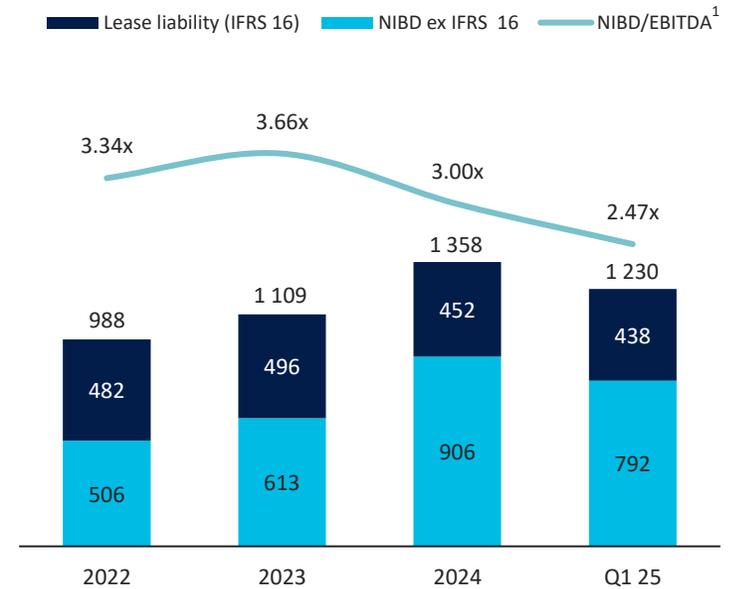
- Cash position of NOK 194 million per Q1 25, plus credit facilities

## Net working capital (NOK million)



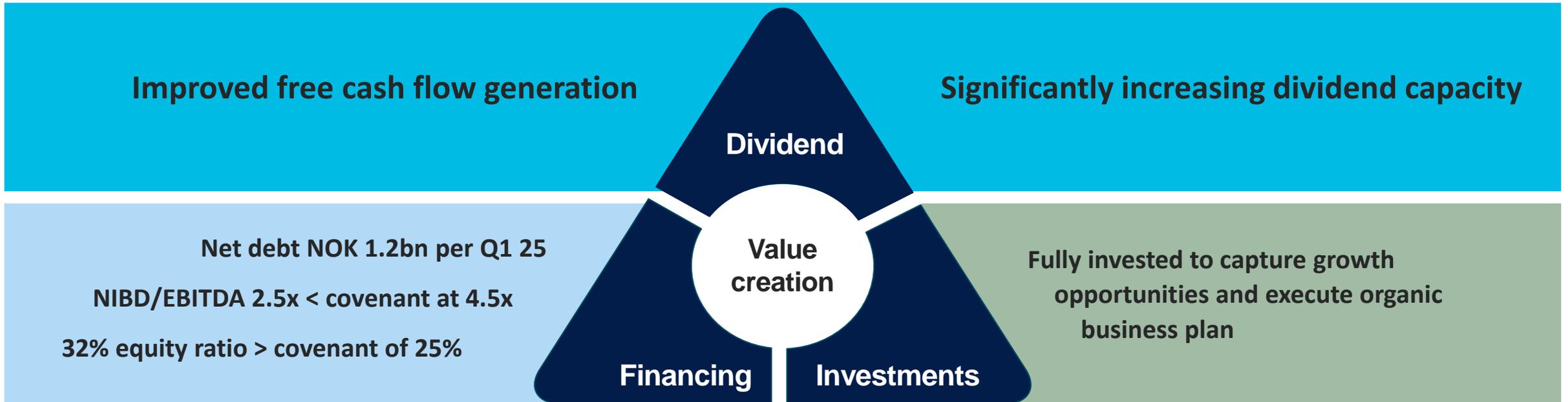
- Stable net working capital in Q1 25, despite high revenue growth to all-time high revenue

## Net debt / EBITDA



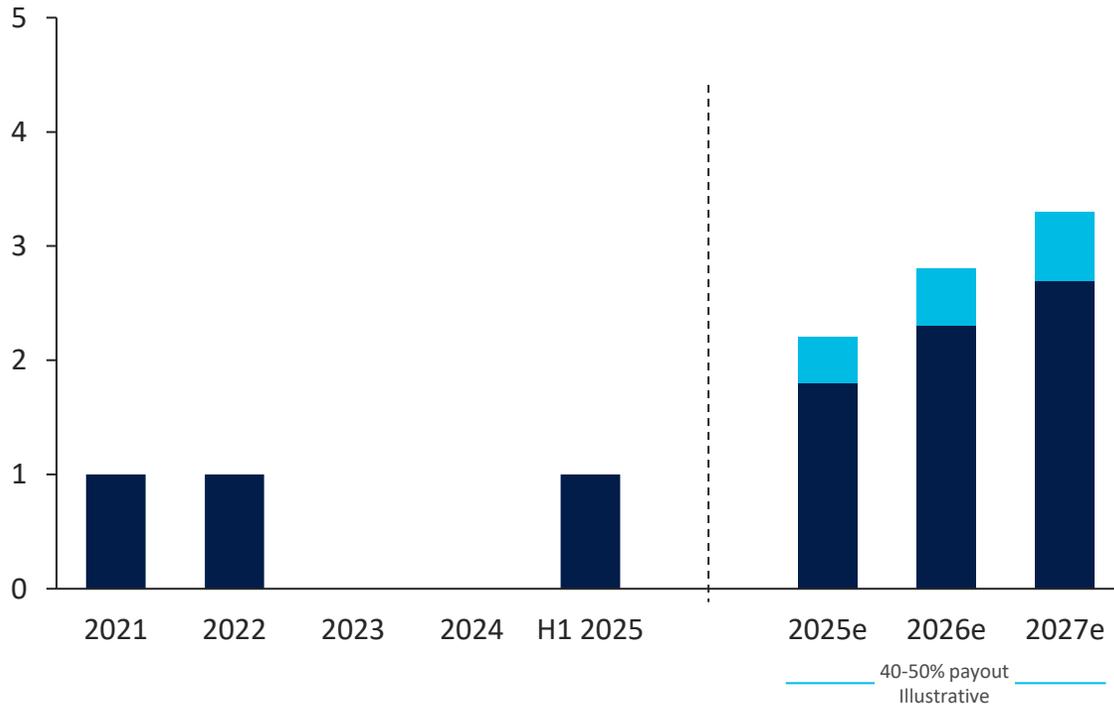
- Reduced NIBD and NIBD/EBITDA following sale of Abyss Group and subsequent debt reduction
- Ample headroom to covenant threshold of 4.50x

# Balanced capital allocation framework



# Resumed dividend payments after halt in 2023-24

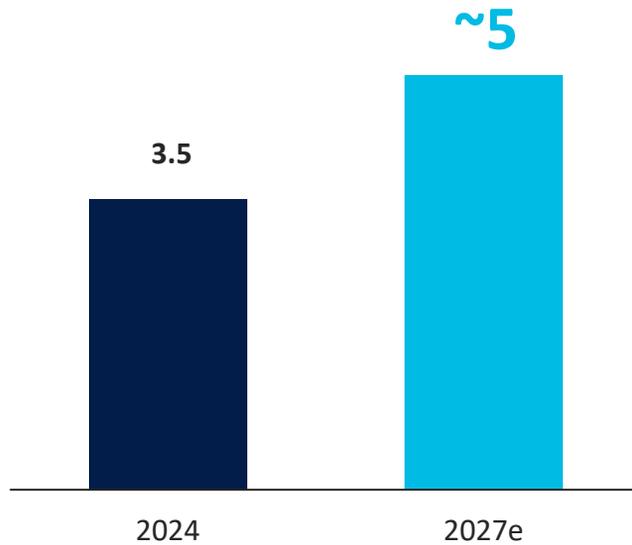
Cash dividend (NOK per share)



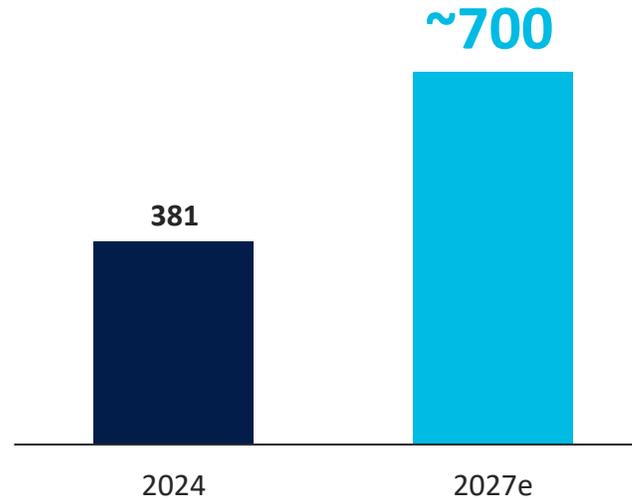
- Introducing new dividend policy:
- *AKVA Group is committed to delivering long-term value to shareholders through both share price appreciation and competitive dividends. Over time, AKVA Group intends to return between 40% and 50% of cash flow after investments to shareholders in the form of dividends, subject to the capital needs of the business and prevailing market conditions.*

# Positioned for material value creation next three years

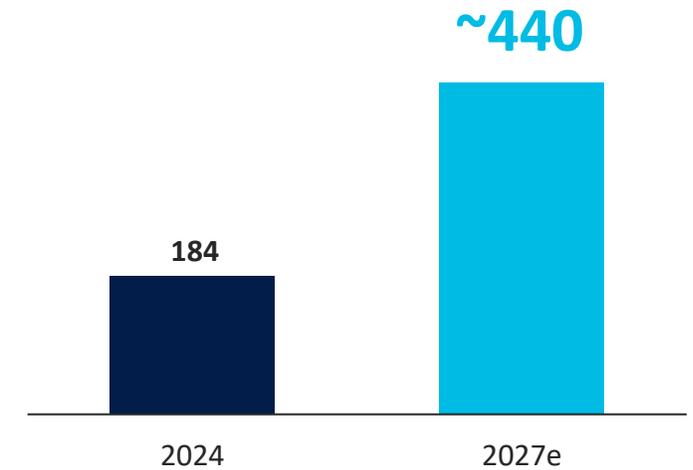
Revenue (NOK billion)



EBITDA (NOK million)

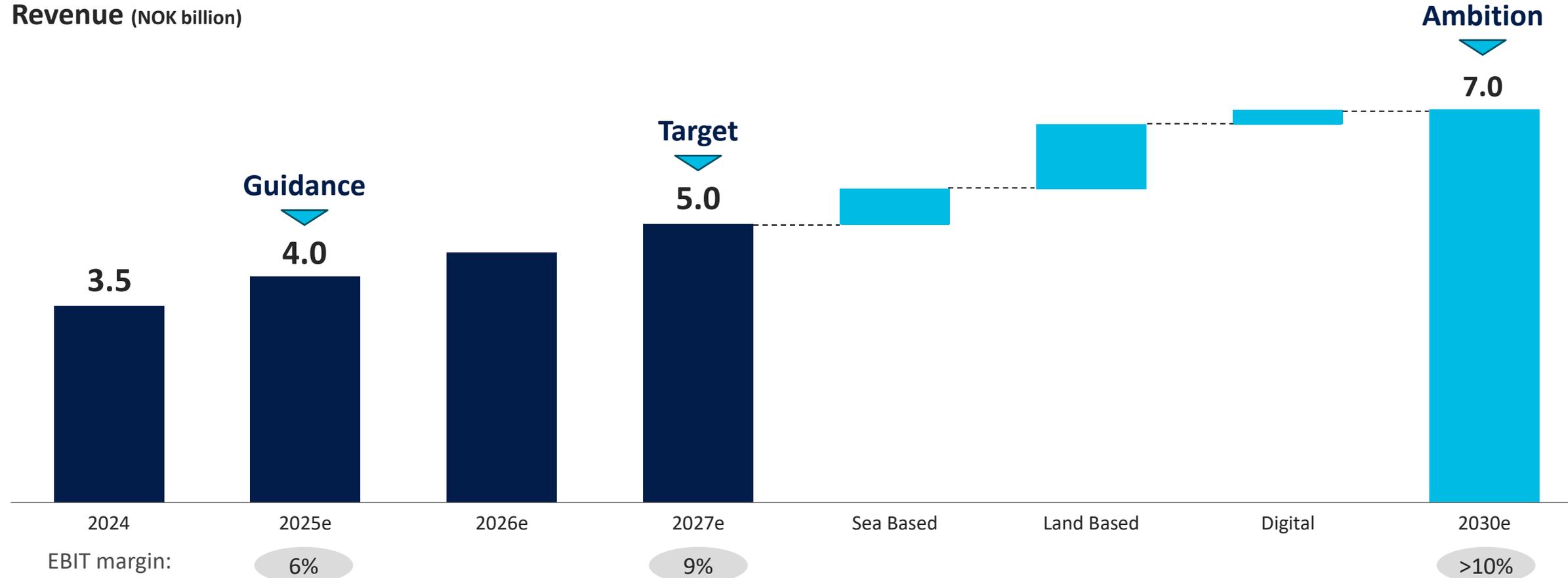


EBIT (NOK million)



# Continuing our growth journey – 2030 ambition

Revenue (NOK billion)



# Pioneering a better future – key investment highlights



Fully-invested business platforms with capacity to double revenue



Perfectly positioned for profitable growth across all segments



Attractive business model with an increasing share of recurring revenue



Strong balance sheet and increasing cash flow providing competitive returns

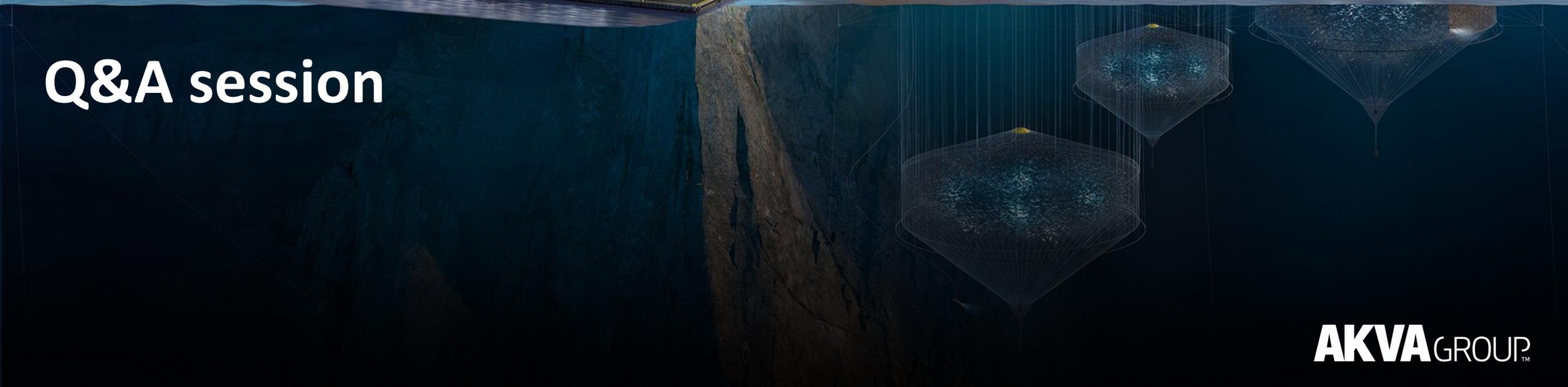


Experienced management team with a proven operational track record

**A true partner,  
trusted advisor and  
high-quality solutions  
supplier to the  
aquaculture industry  
– pioneering the  
solutions of tomorrow**



# Q&A session





Thank you

